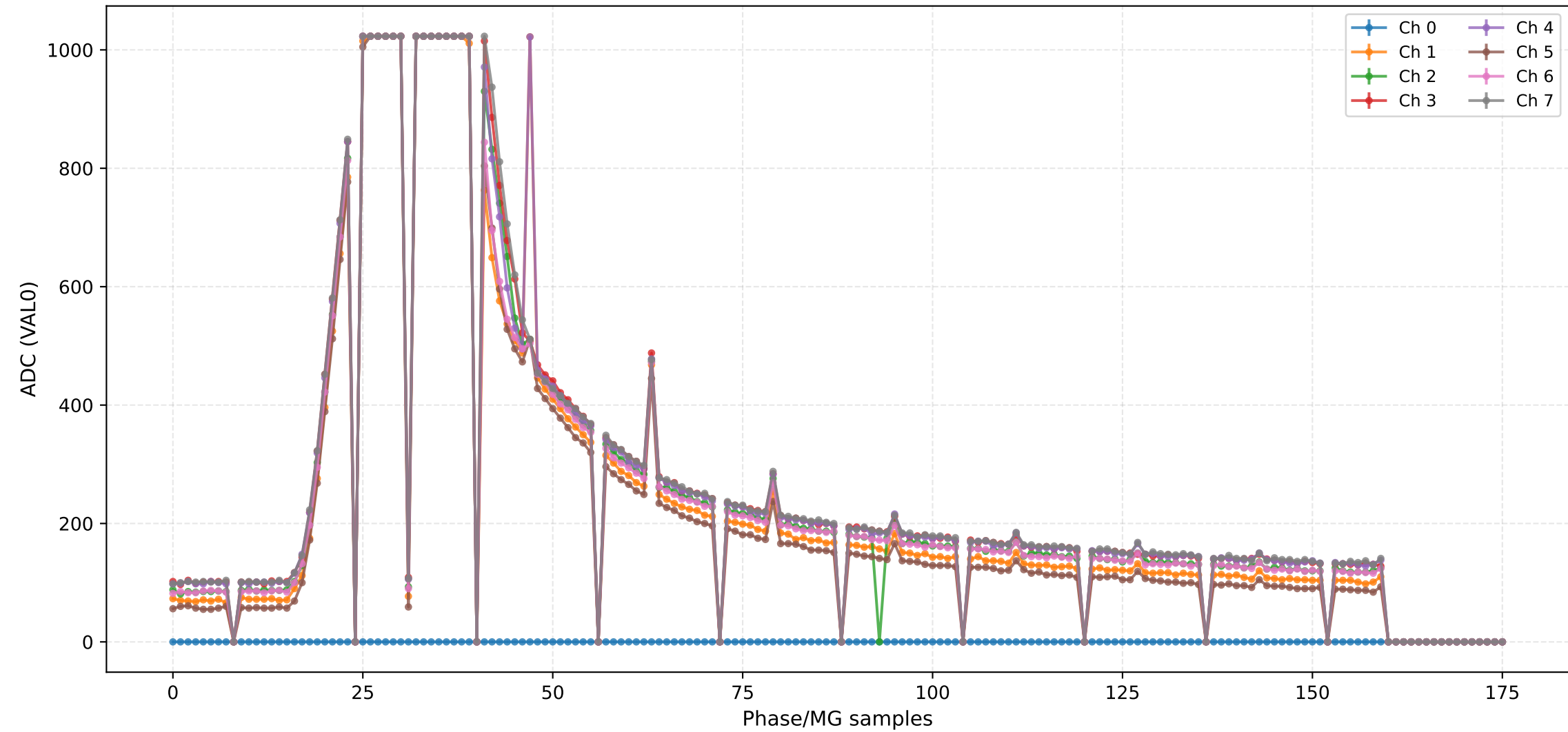
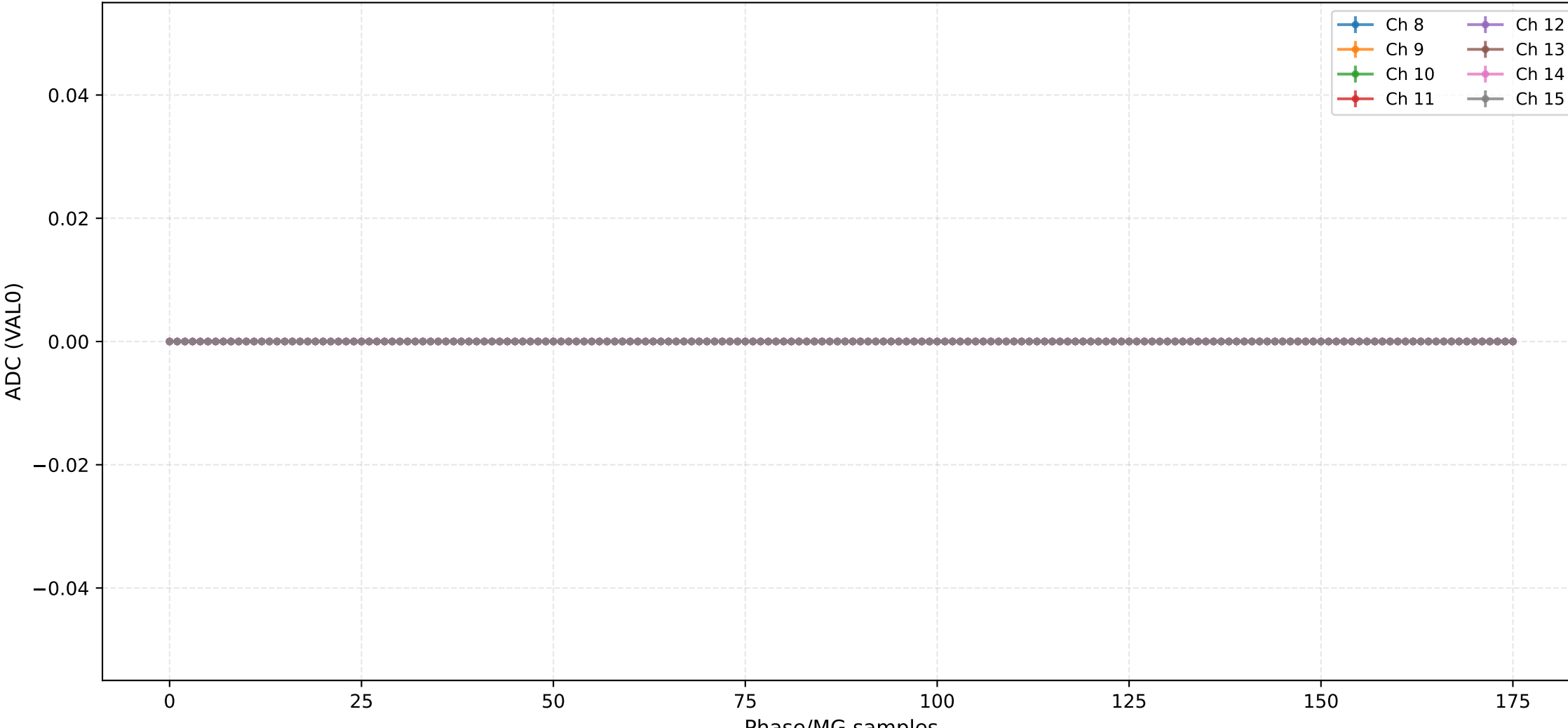


## ADC (VAL0) - Channels 0 to 7



### ADC (VAL0) - Channels 8 to 15



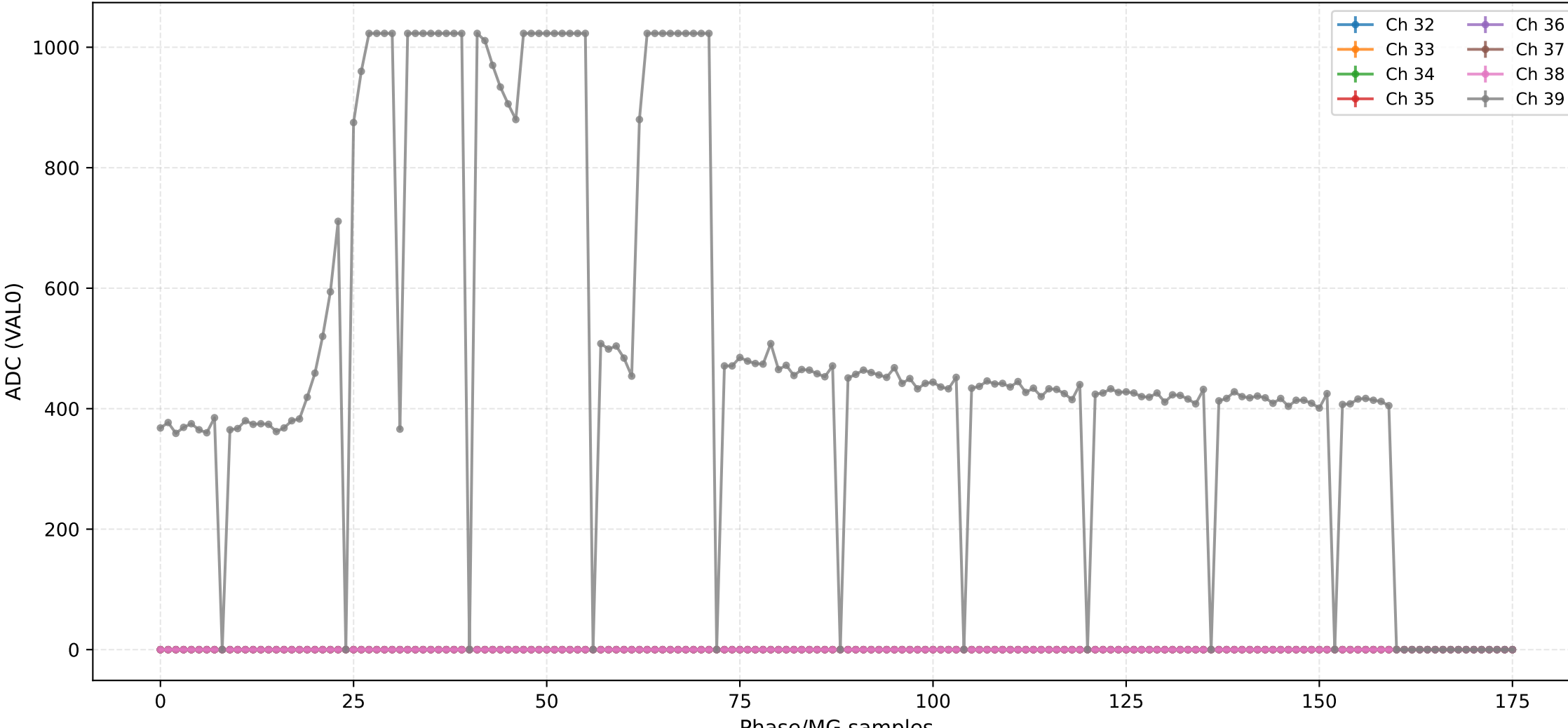
### ADC (VAL0) - Channels 16 to 23



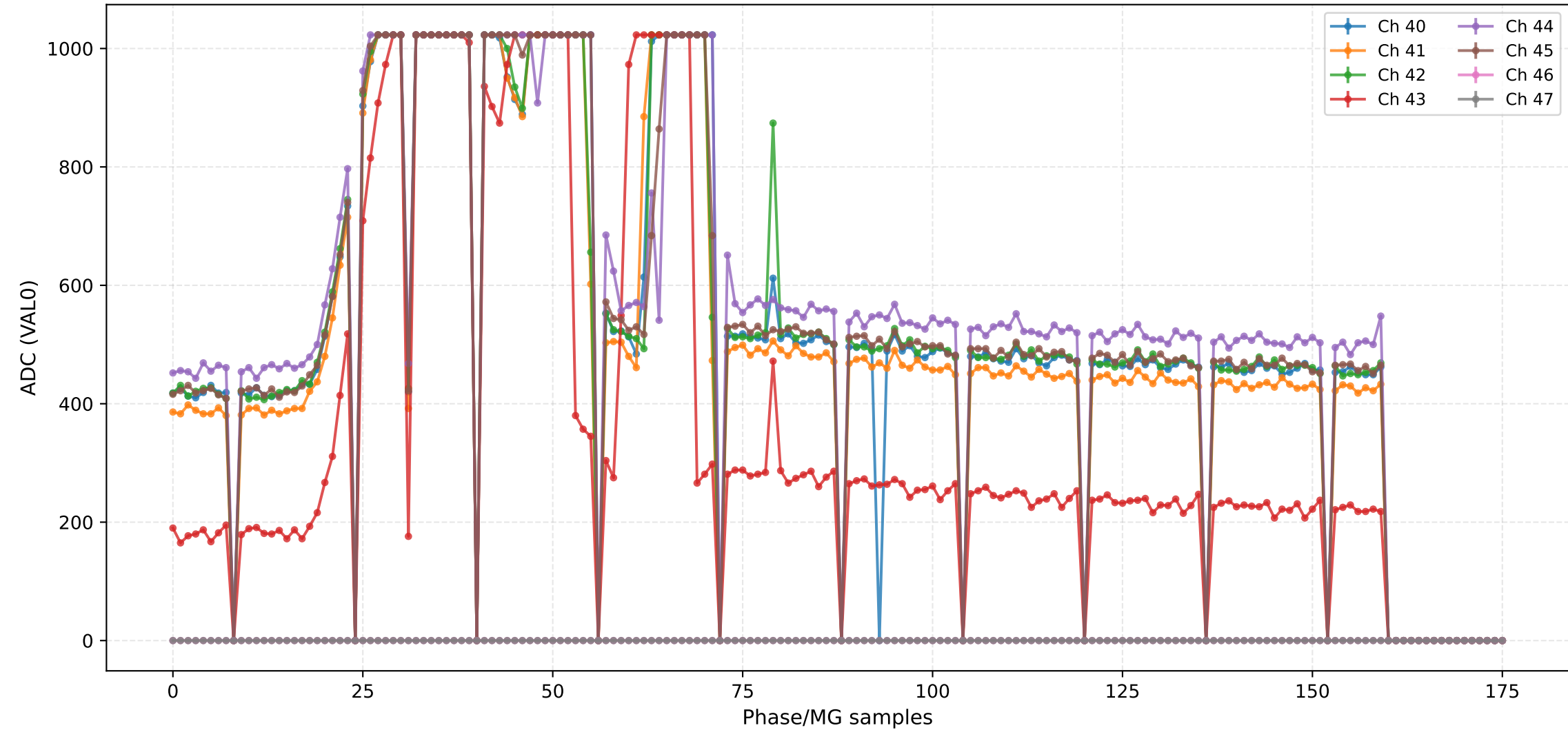
### ADC (VAL0) - Channels 24 to 31



## ADC (VAL0) - Channels 32 to 39



ADC (VAL0) - Channels 40 to 47



### ADC (VAL0) - Channels 48 to 55



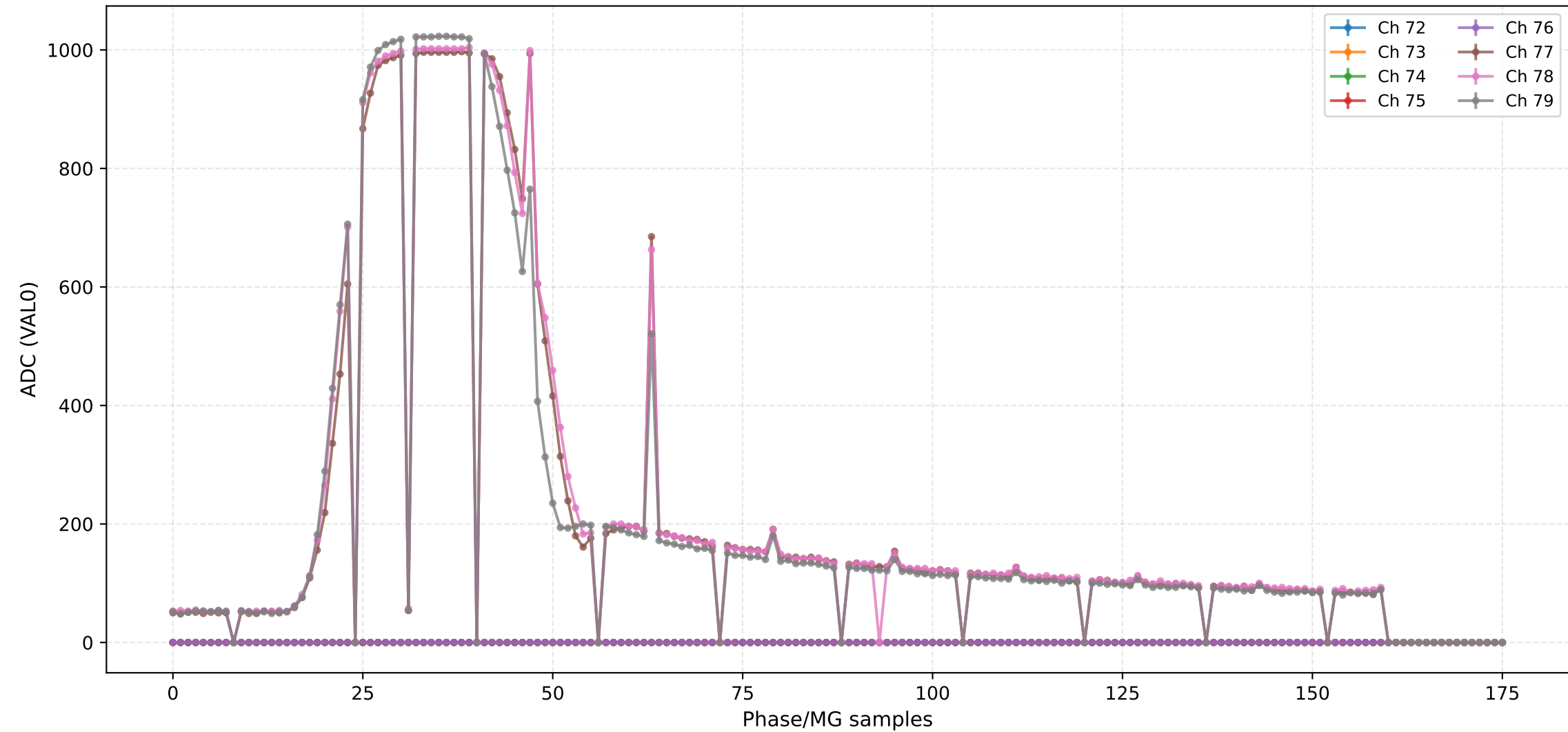
## ADC (VAL0) - Channels 56 to 63



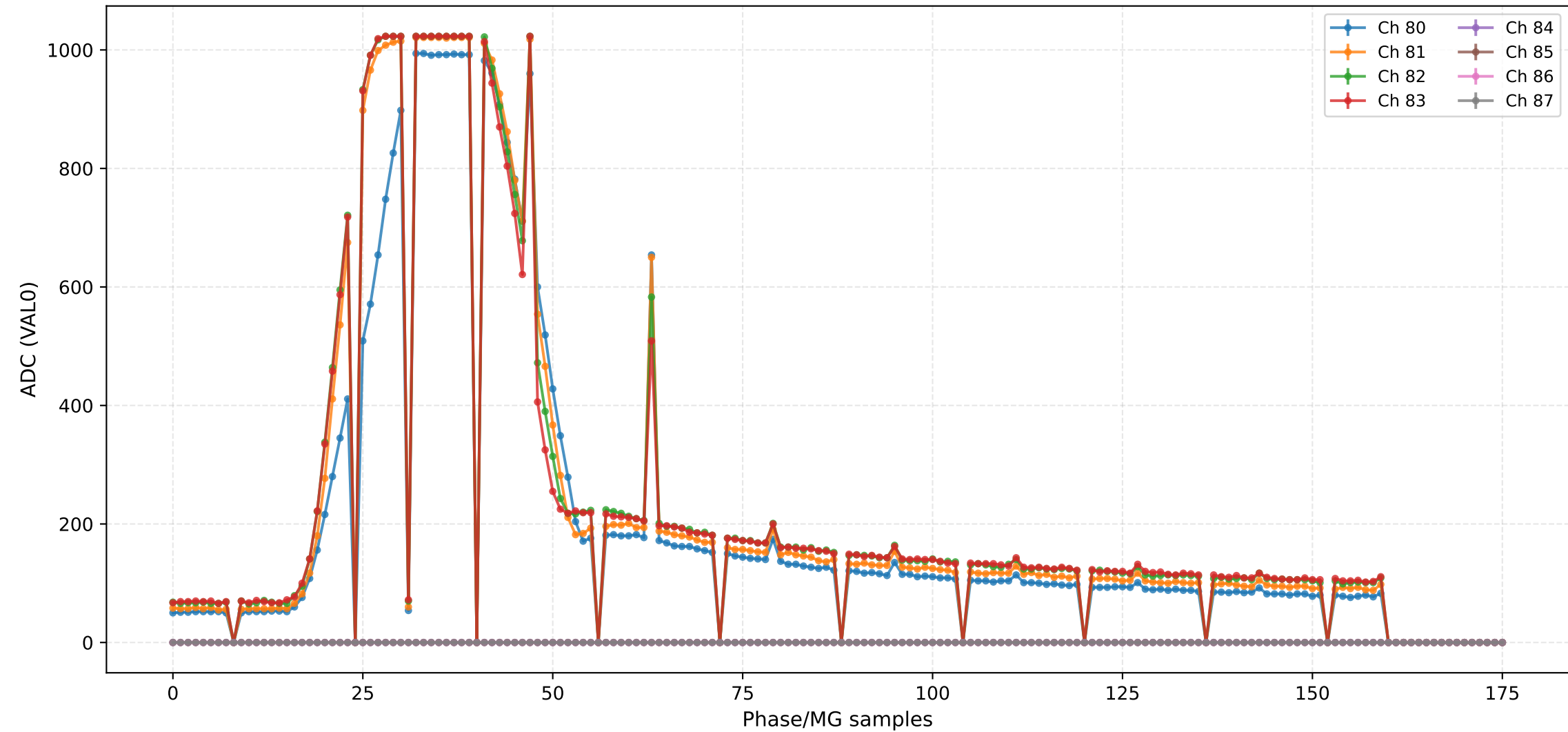
### ADC (VAL0) - Channels 64 to 71



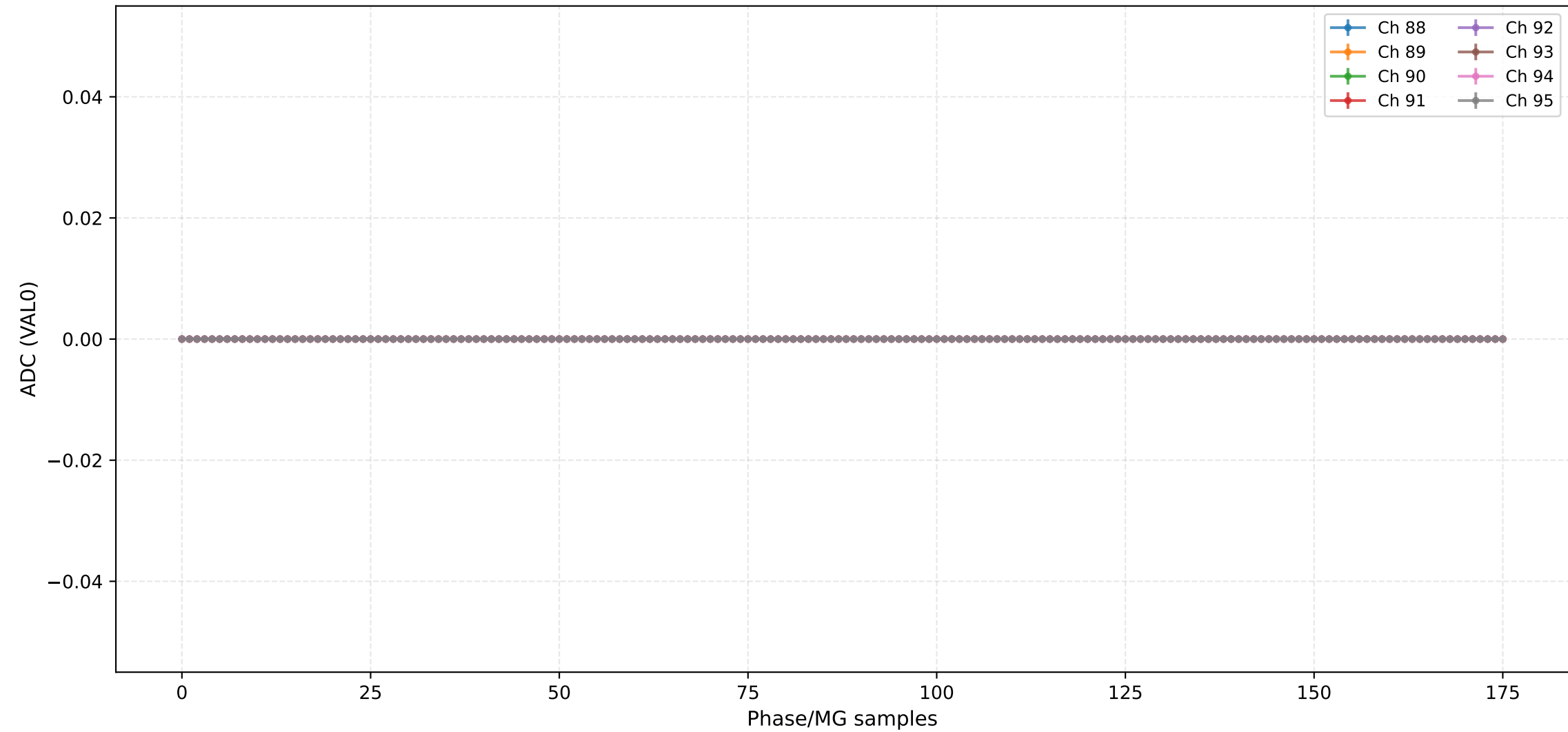
ADC (VAL0) - Channels 72 to 79



## ADC (VAL0) - Channels 80 to 87



### ADC (VAL0) - Channels 88 to 95



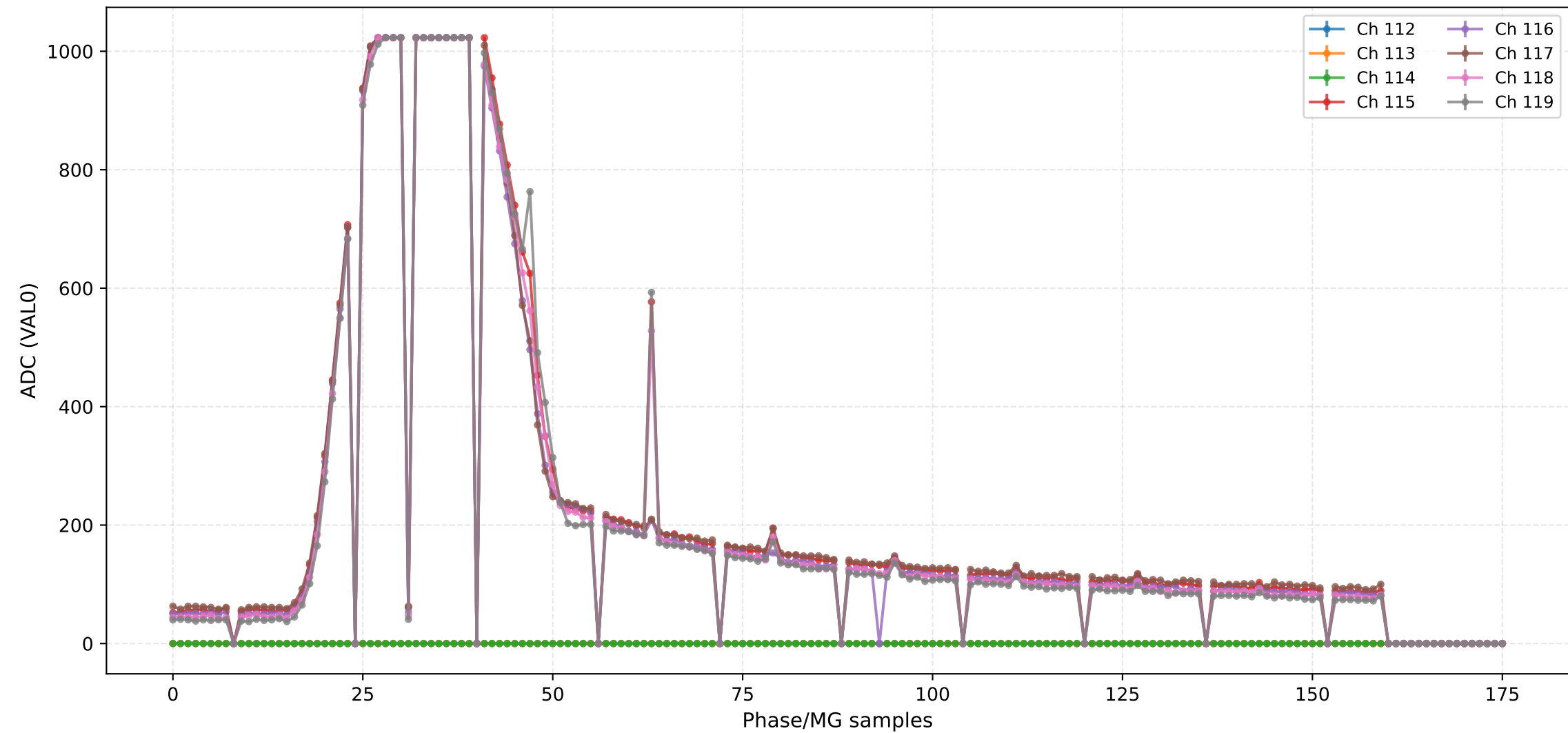
ADC (VAL0) - Channels 96 to 103



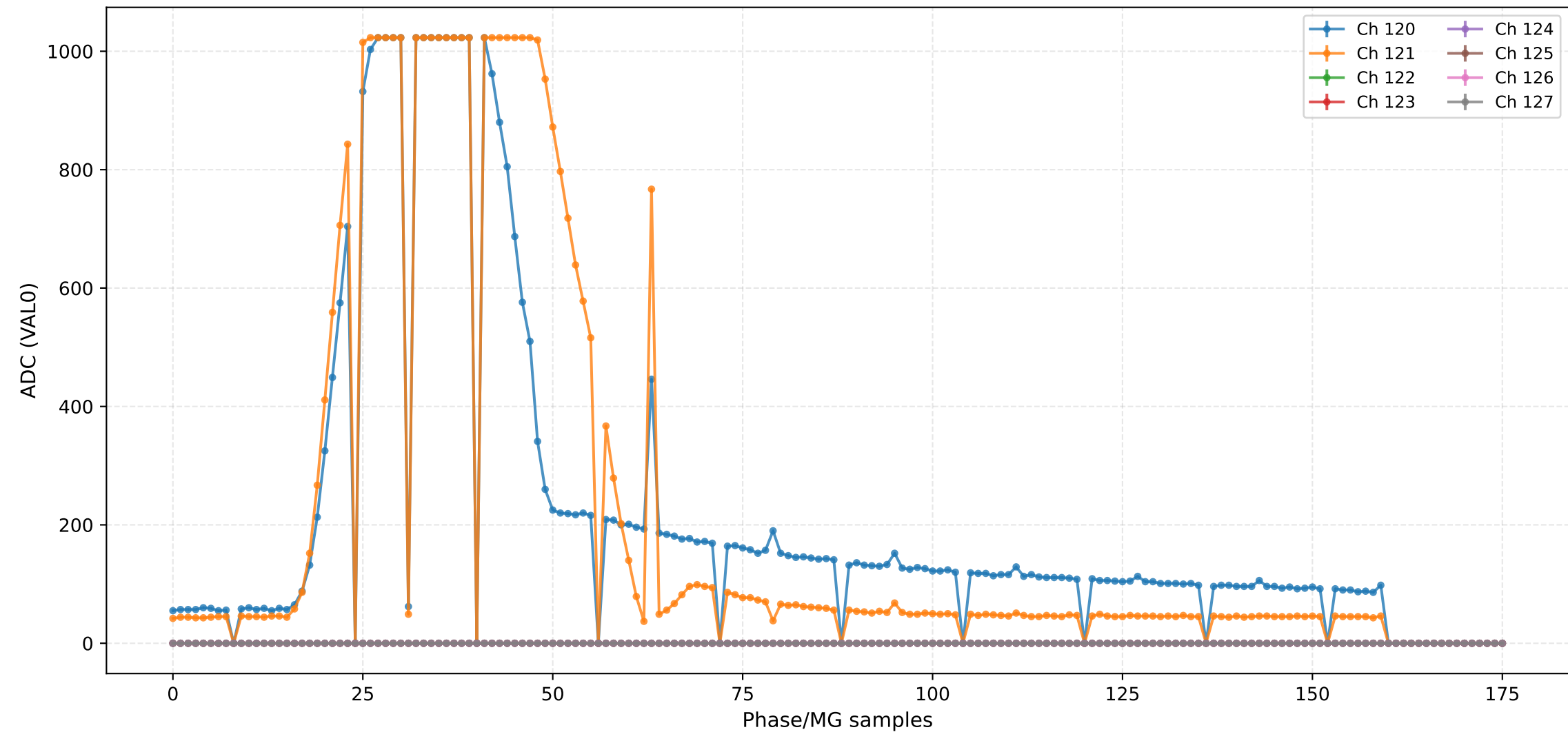
## ADC (VAL0) - Channels 104 to 111



## ADC (VAL0) - Channels 112 to 119



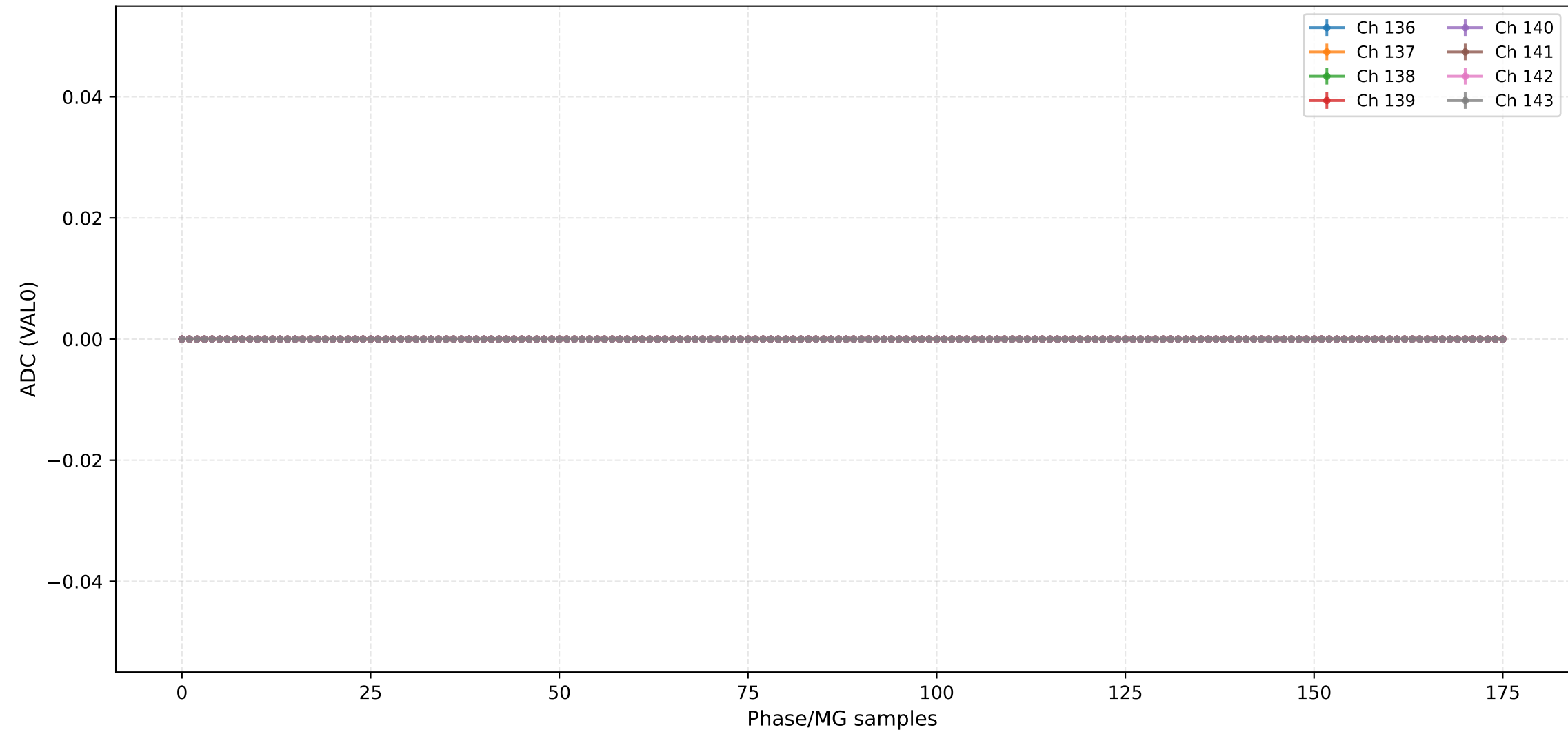
### ADC (VAL0) - Channels 120 to 127



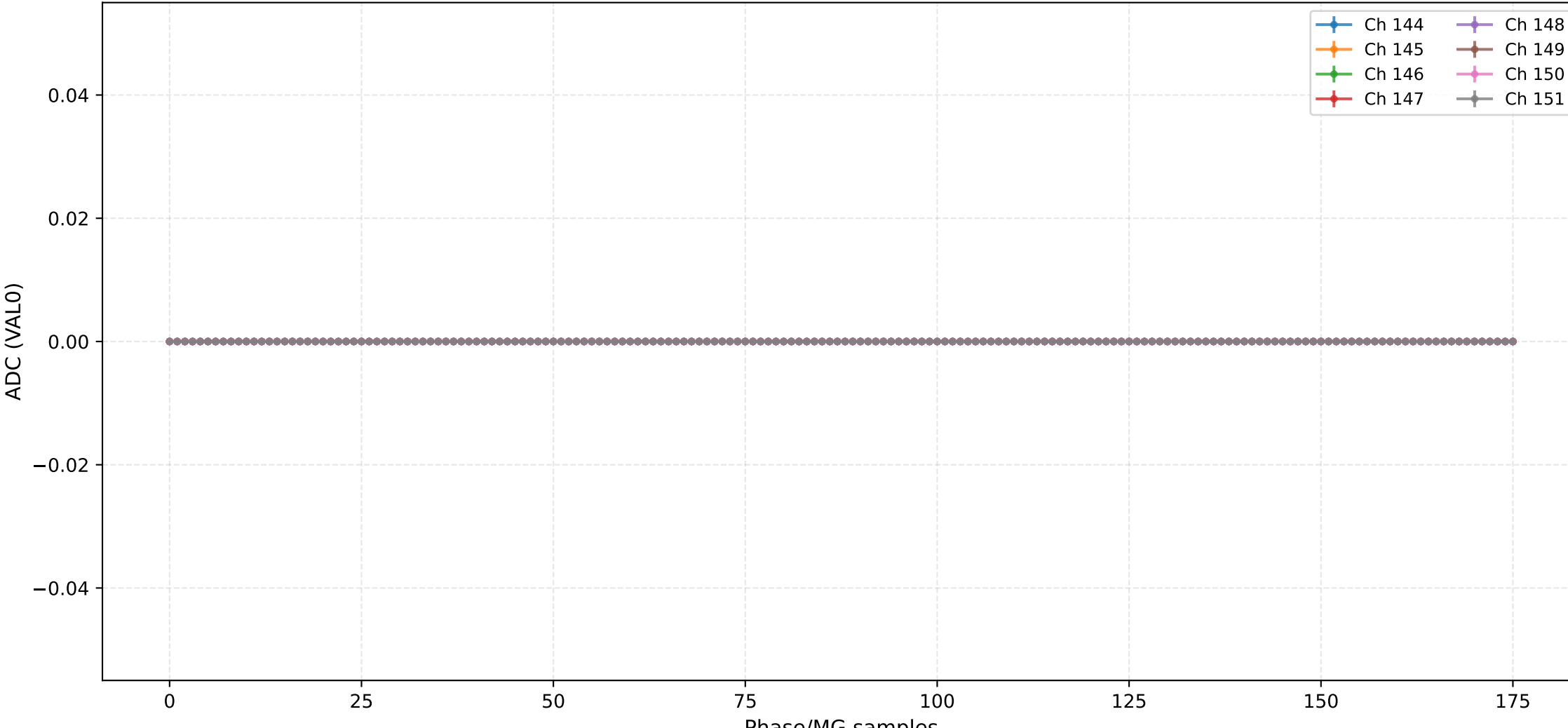
### ADC (VAL0) - Channels 128 to 135



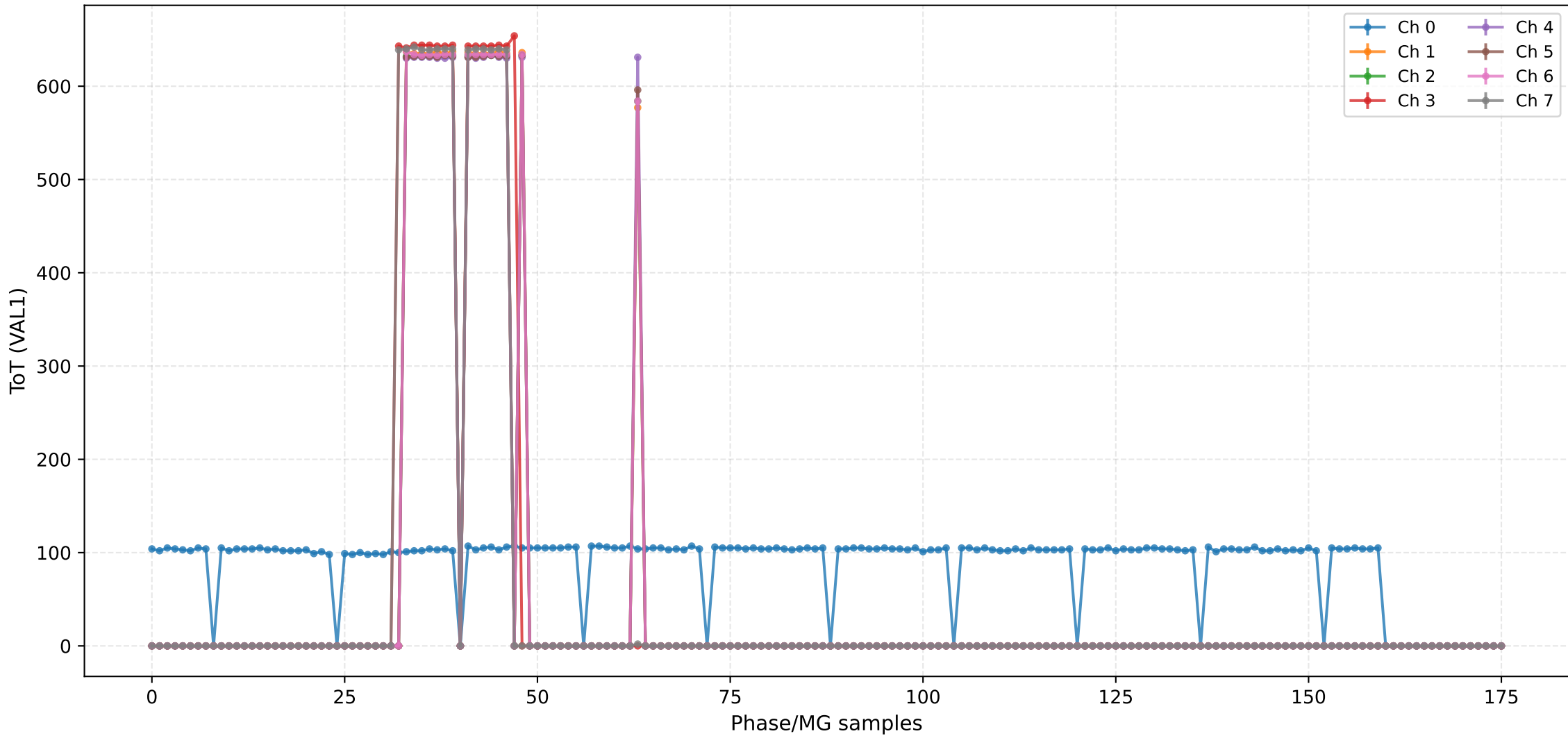
### ADC (VAL0) - Channels 136 to 143



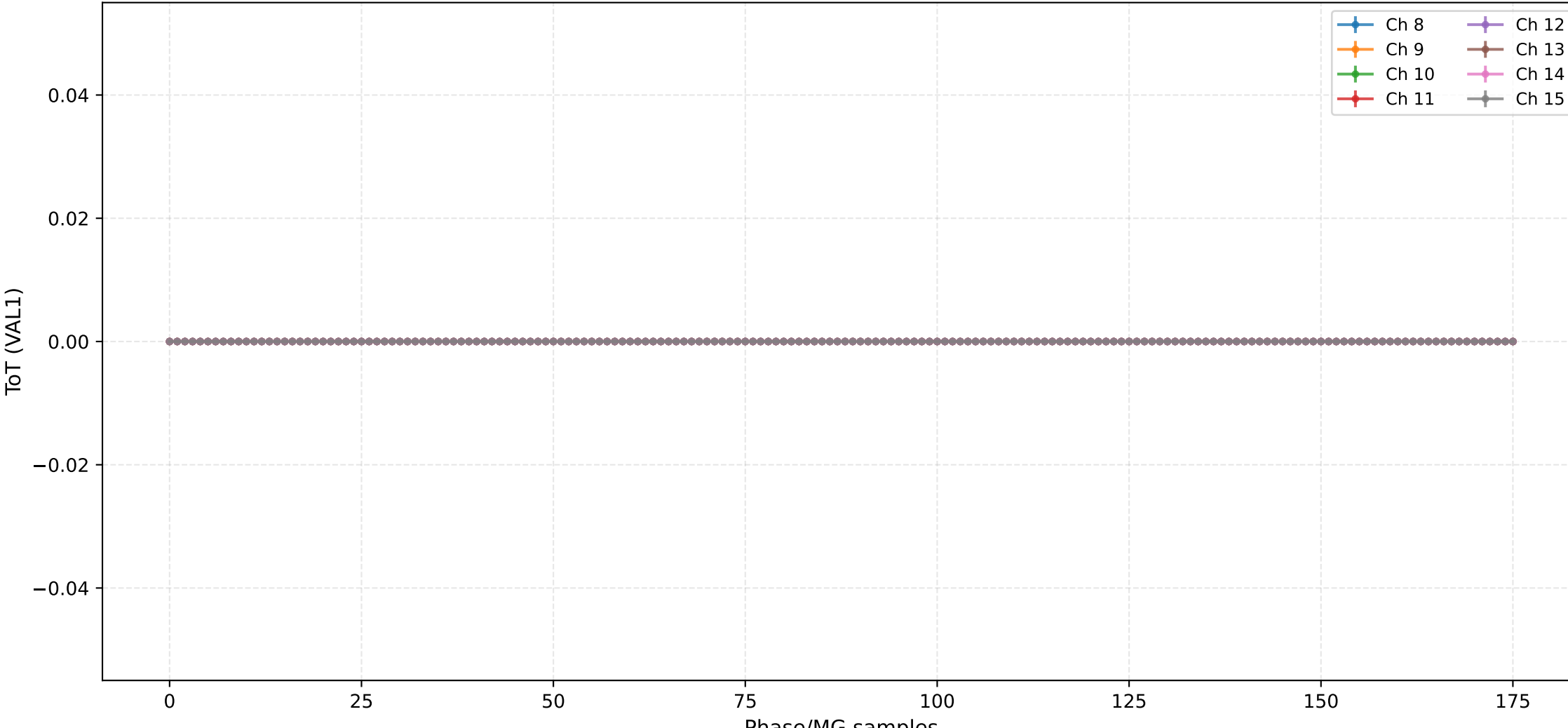
## ADC (VAL0) - Channels 144 to 151



## ToT (VAL1) - Channels 0 to 7



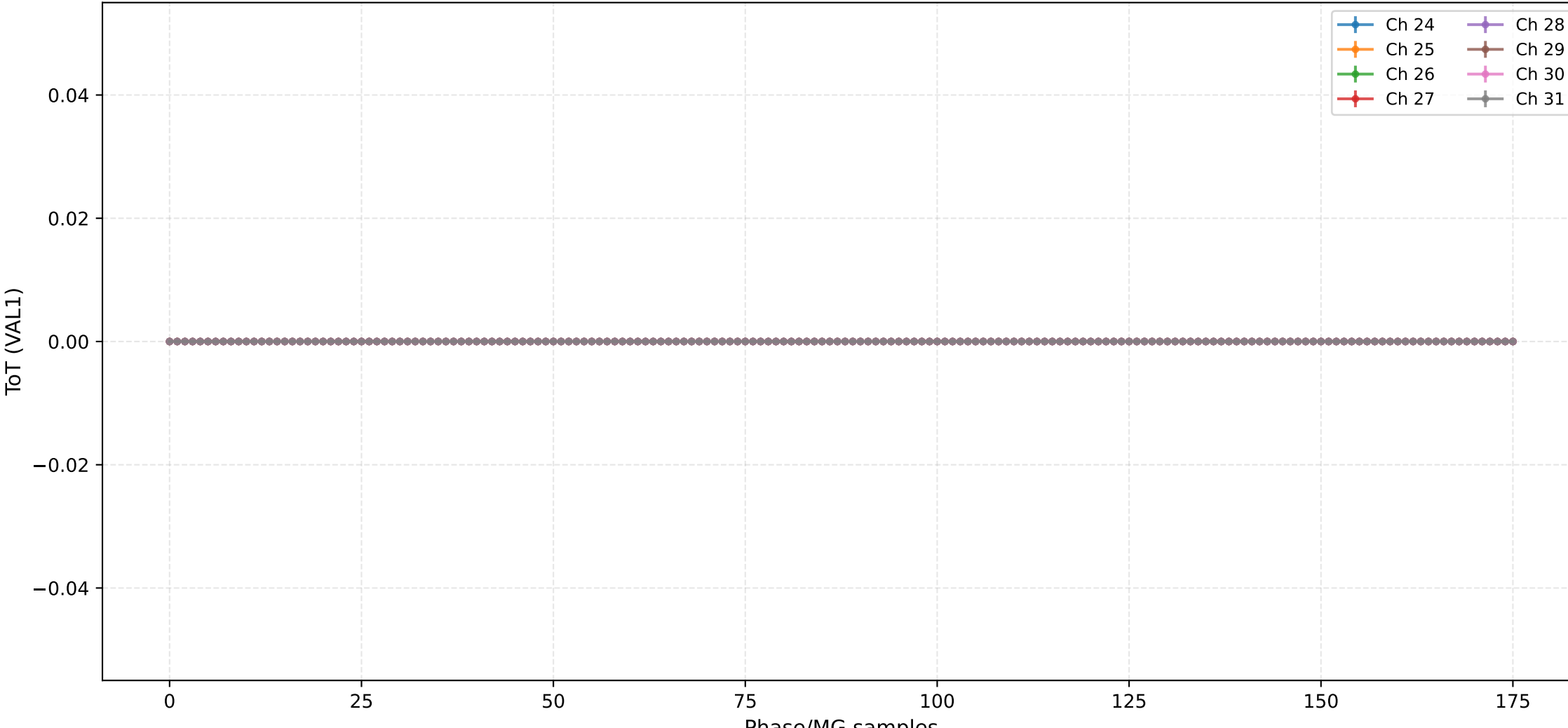
## ToT (VAL1) - Channels 8 to 15



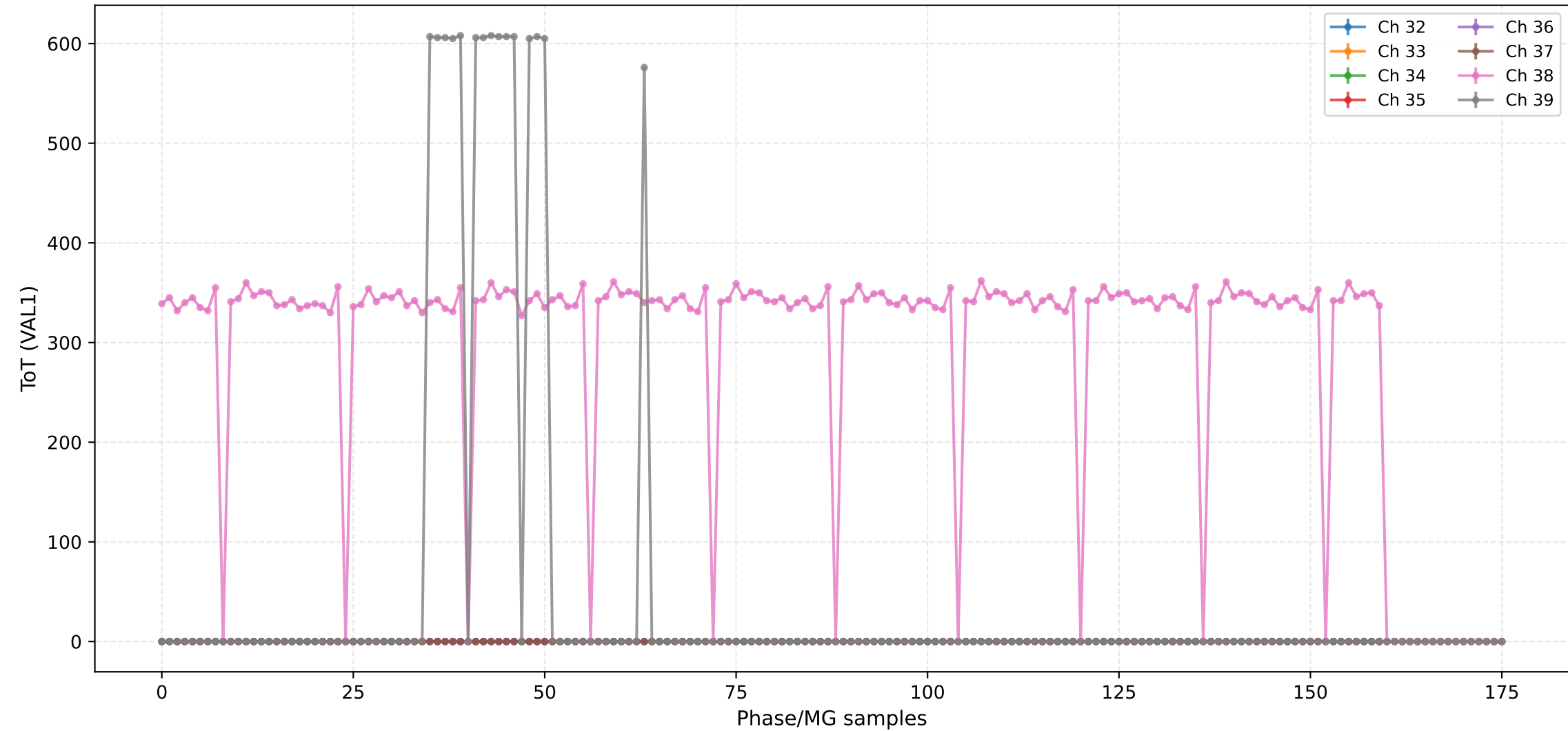
ToT (VAL1) - Channels 16 to 23



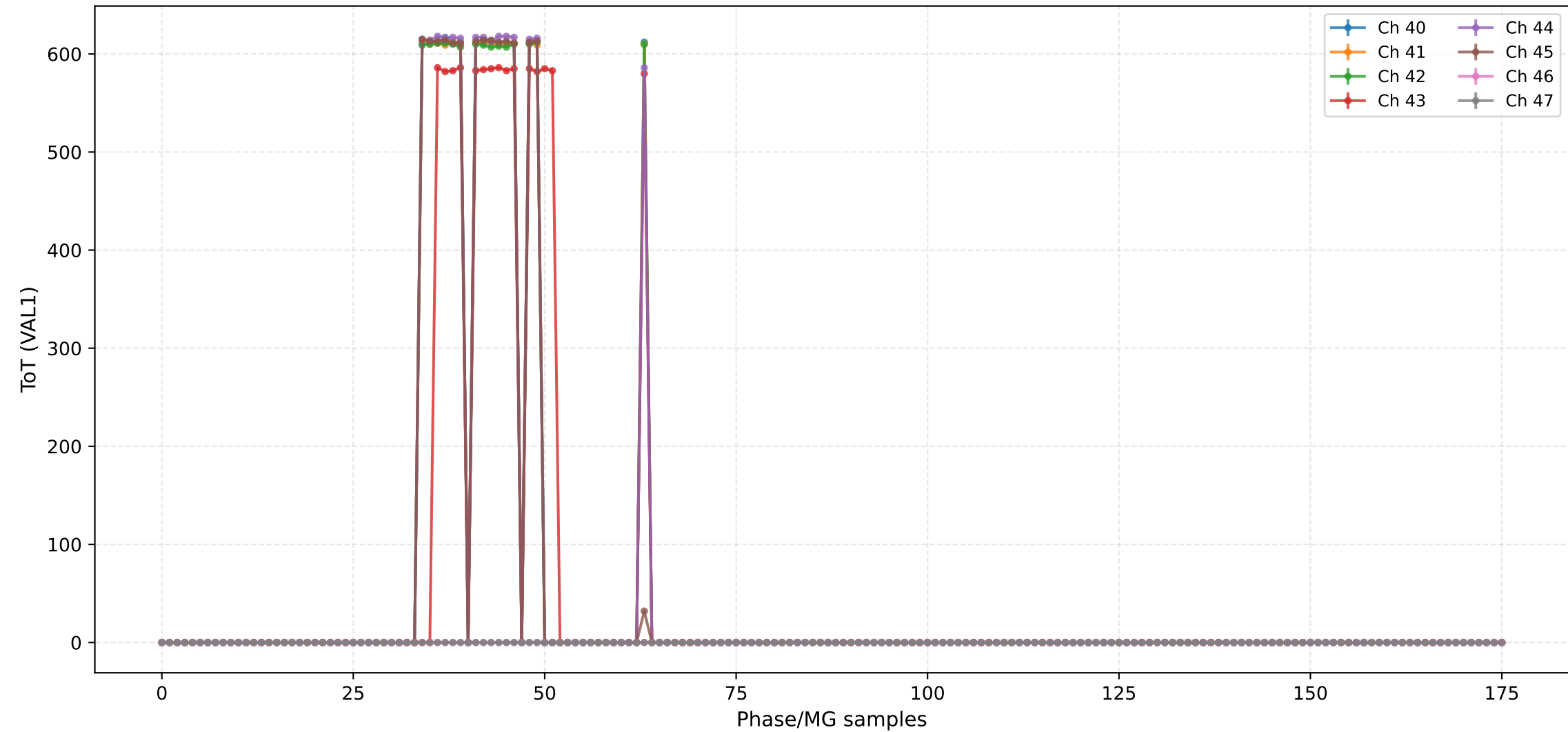
## ToT (VAL1) - Channels 24 to 31



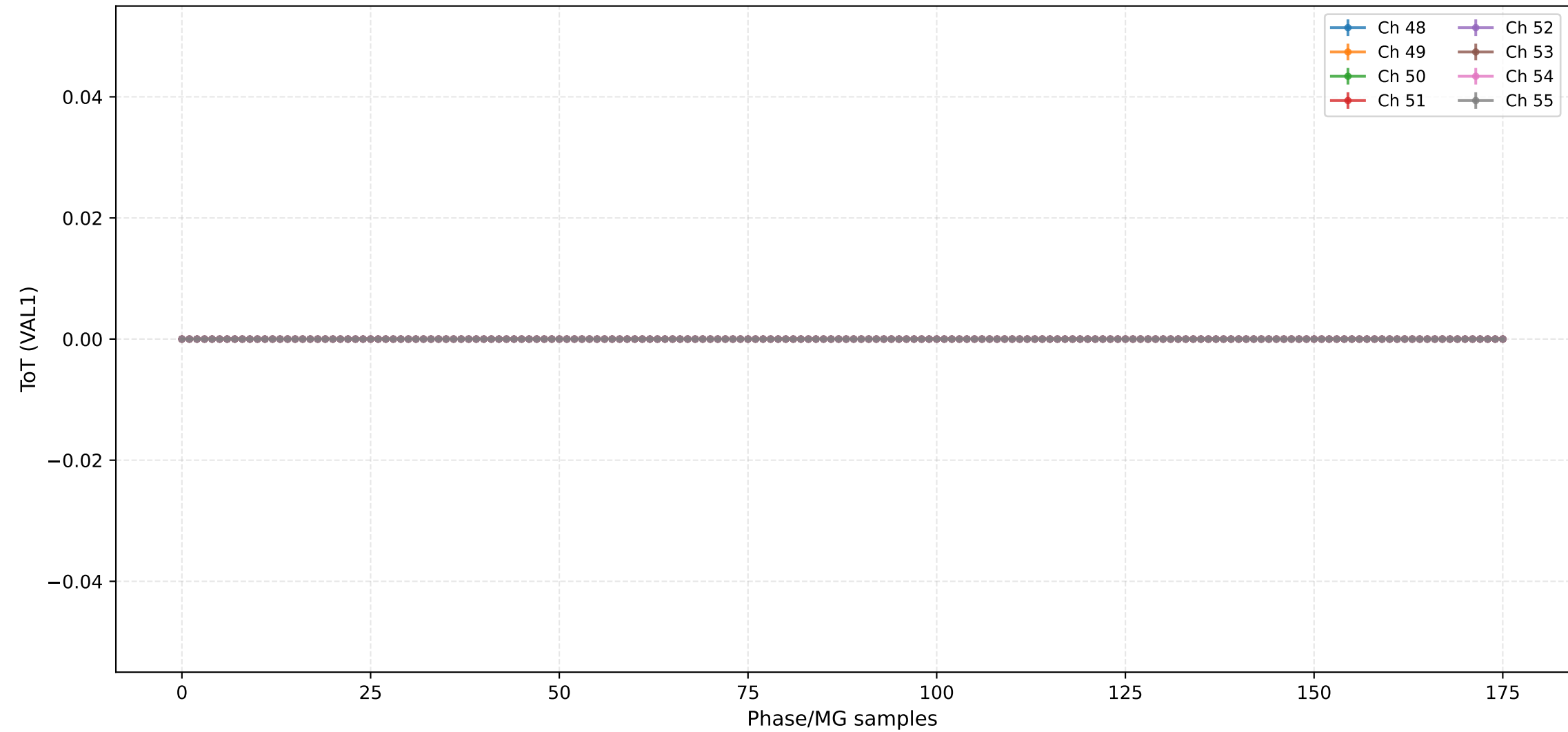
ToT (VAL1) - Channels 32 to 39



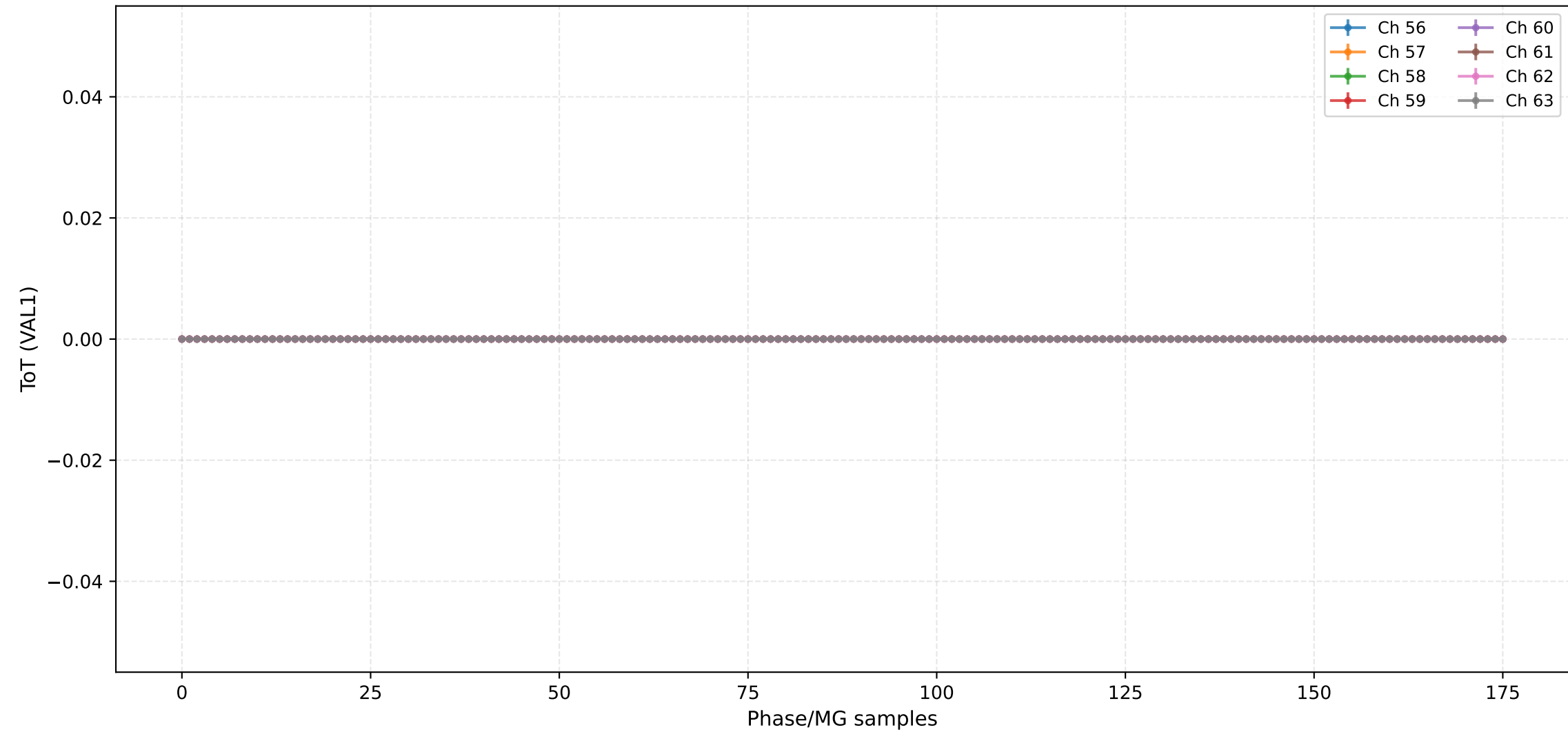
ToT (VAL1) - Channels 40 to 47



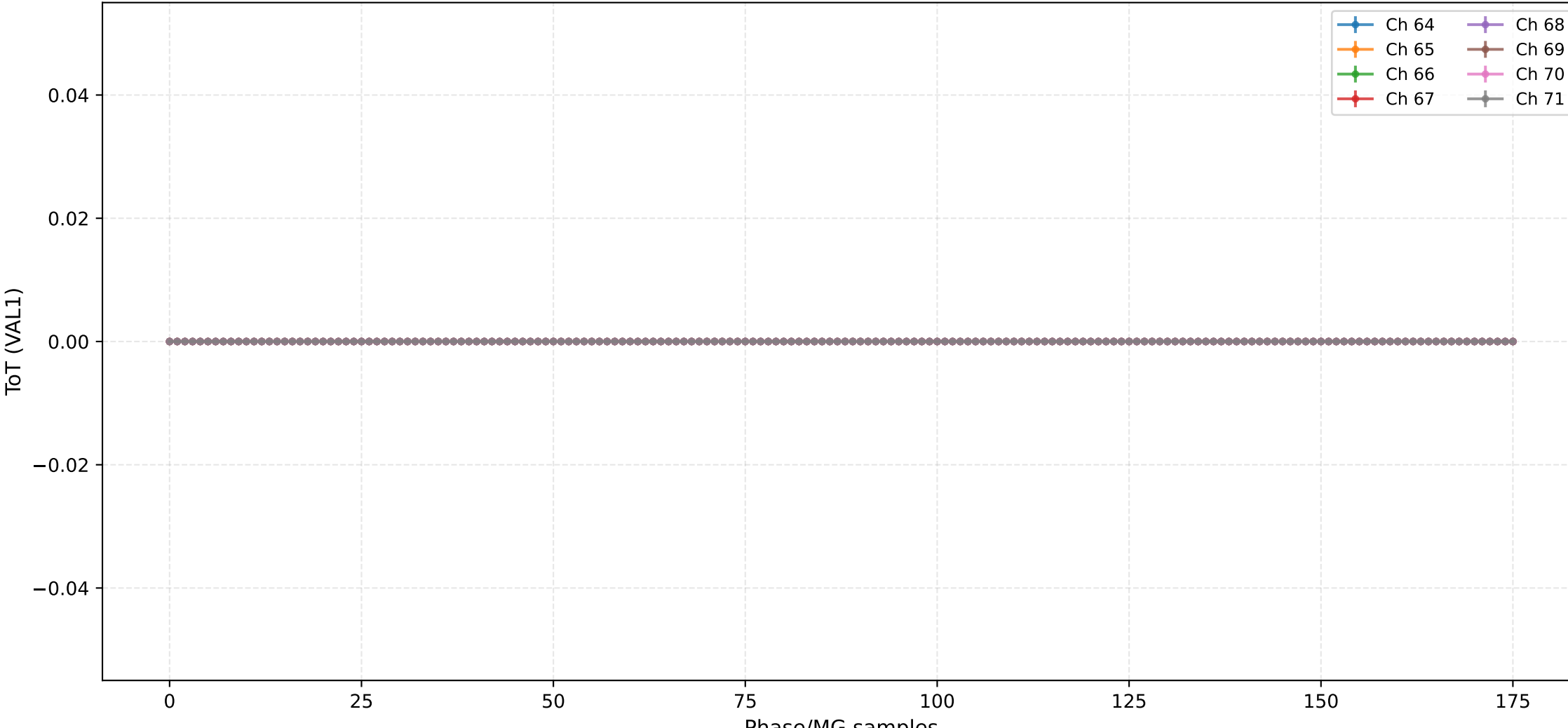
### ToT (VAL1) - Channels 48 to 55



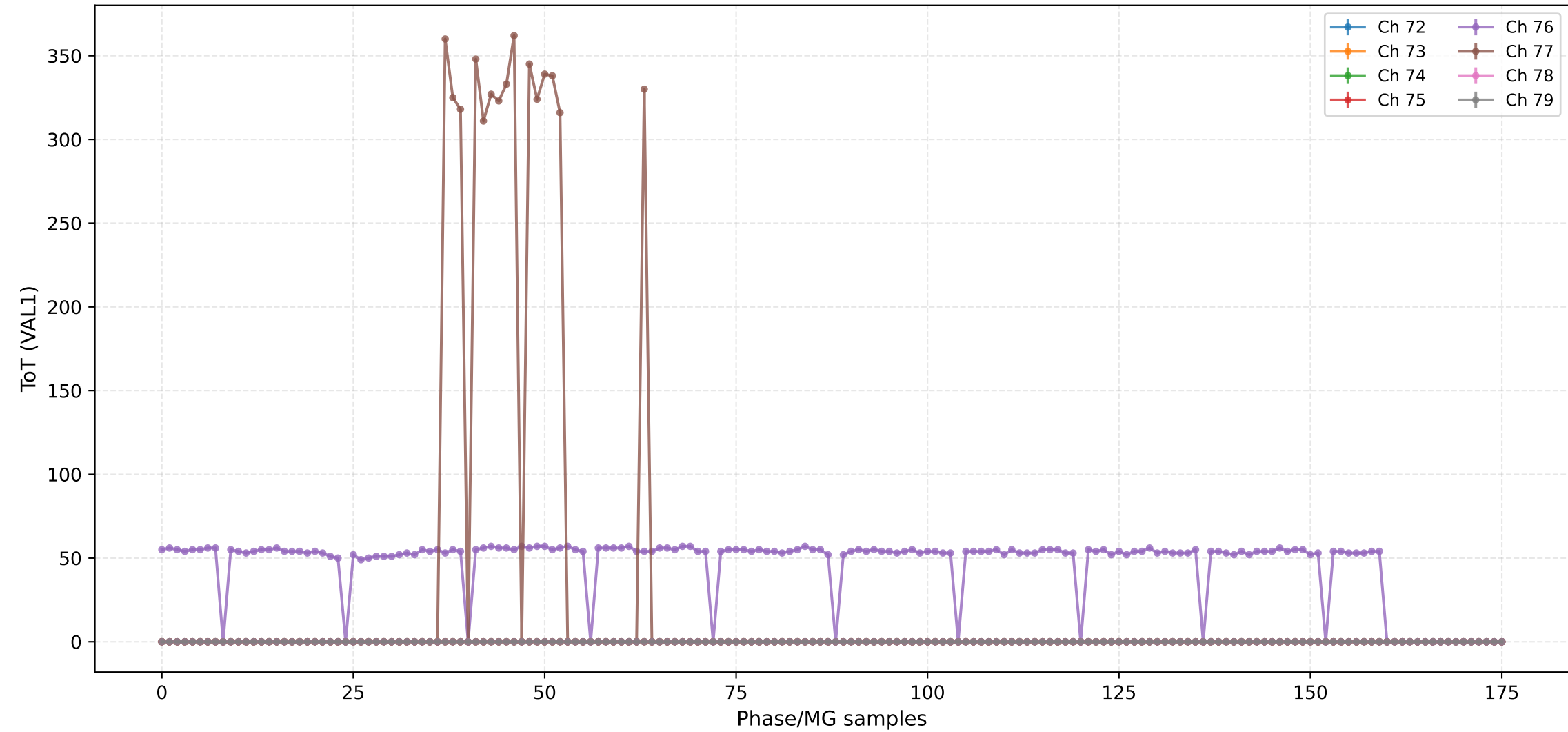
ToT (VAL1) - Channels 56 to 63



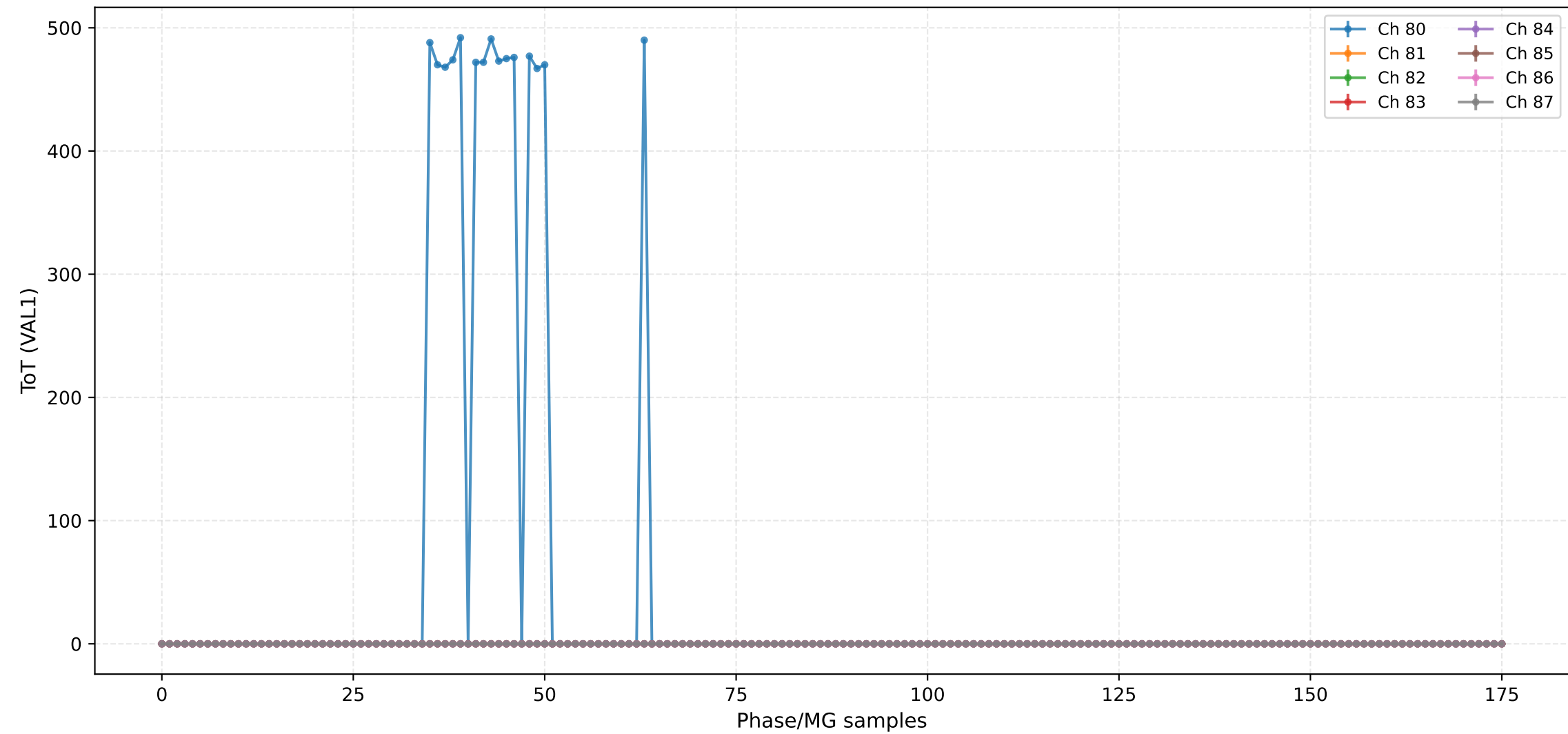
## ToT (VAL1) - Channels 64 to 71



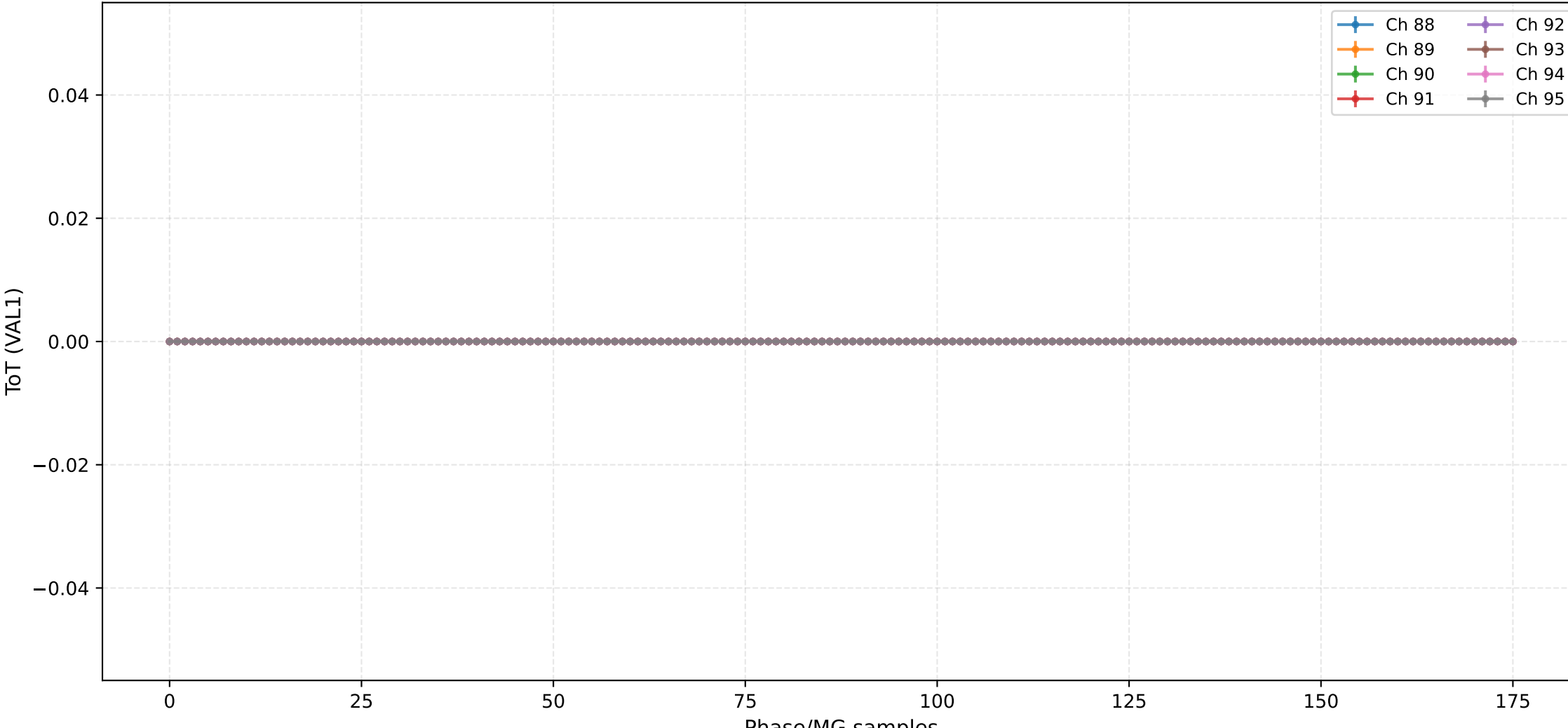
ToT (VAL1) - Channels 72 to 79



## ToT (VAL1) - Channels 80 to 87



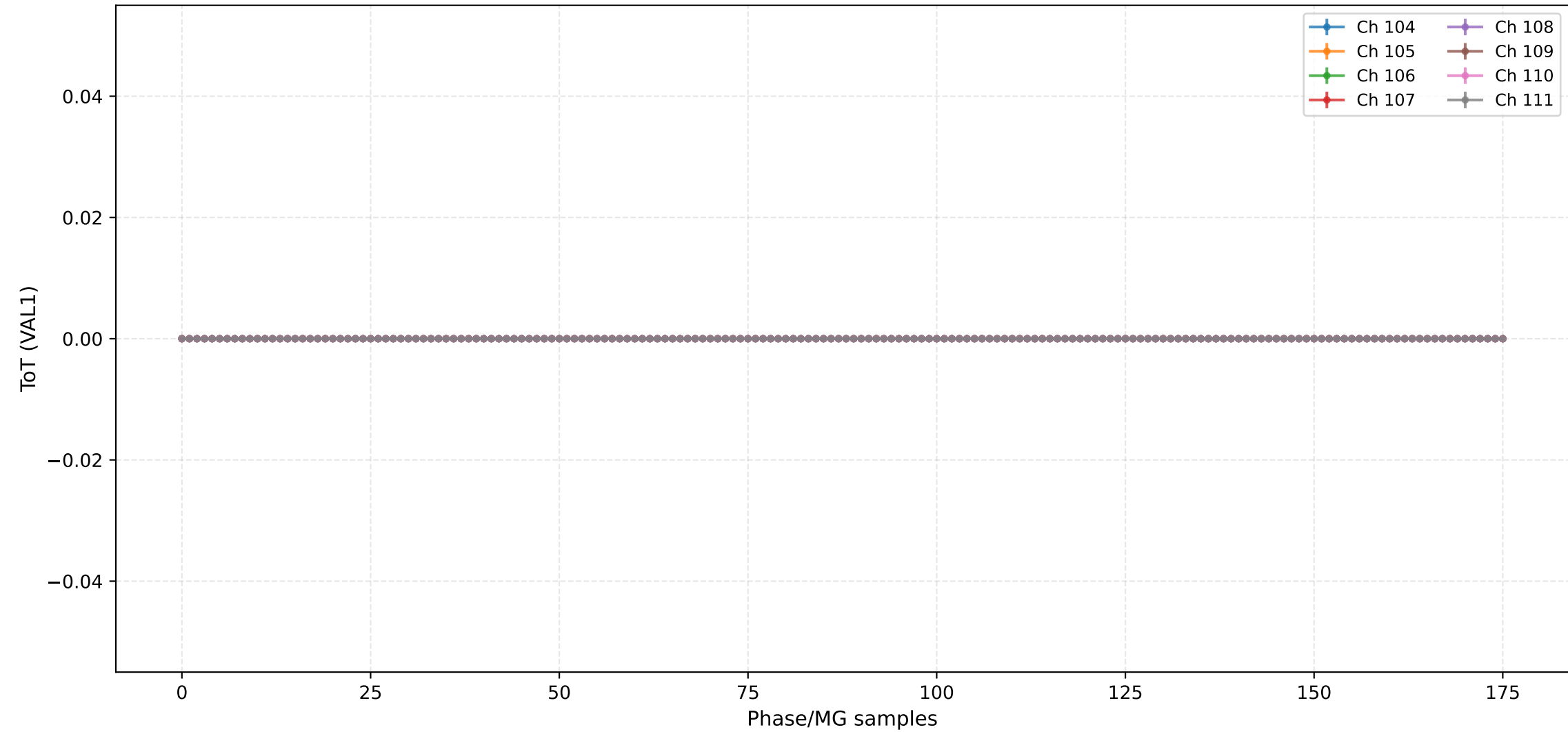
## ToT (VAL1) - Channels 88 to 95



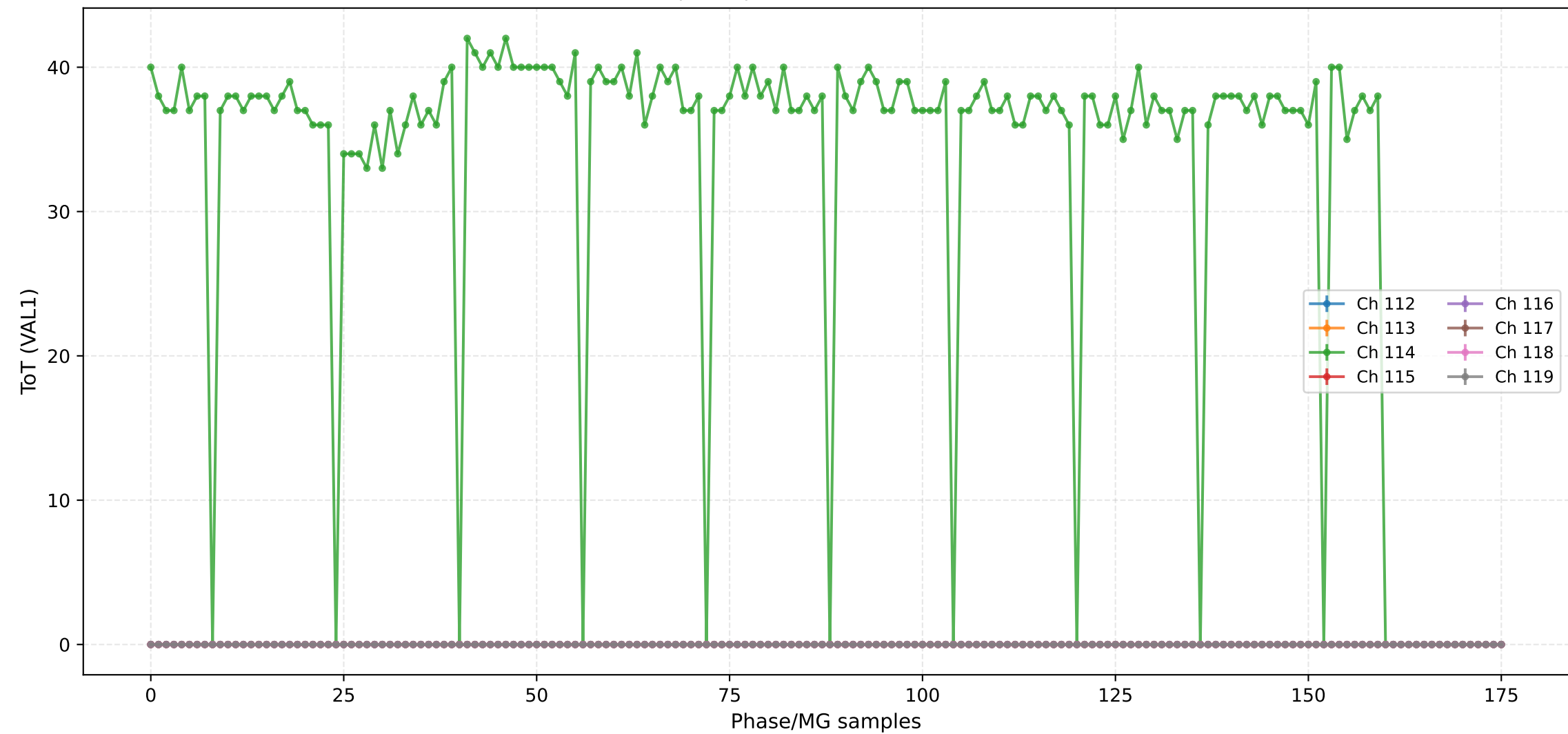
ToT (VAL1) - Channels 96 to 103



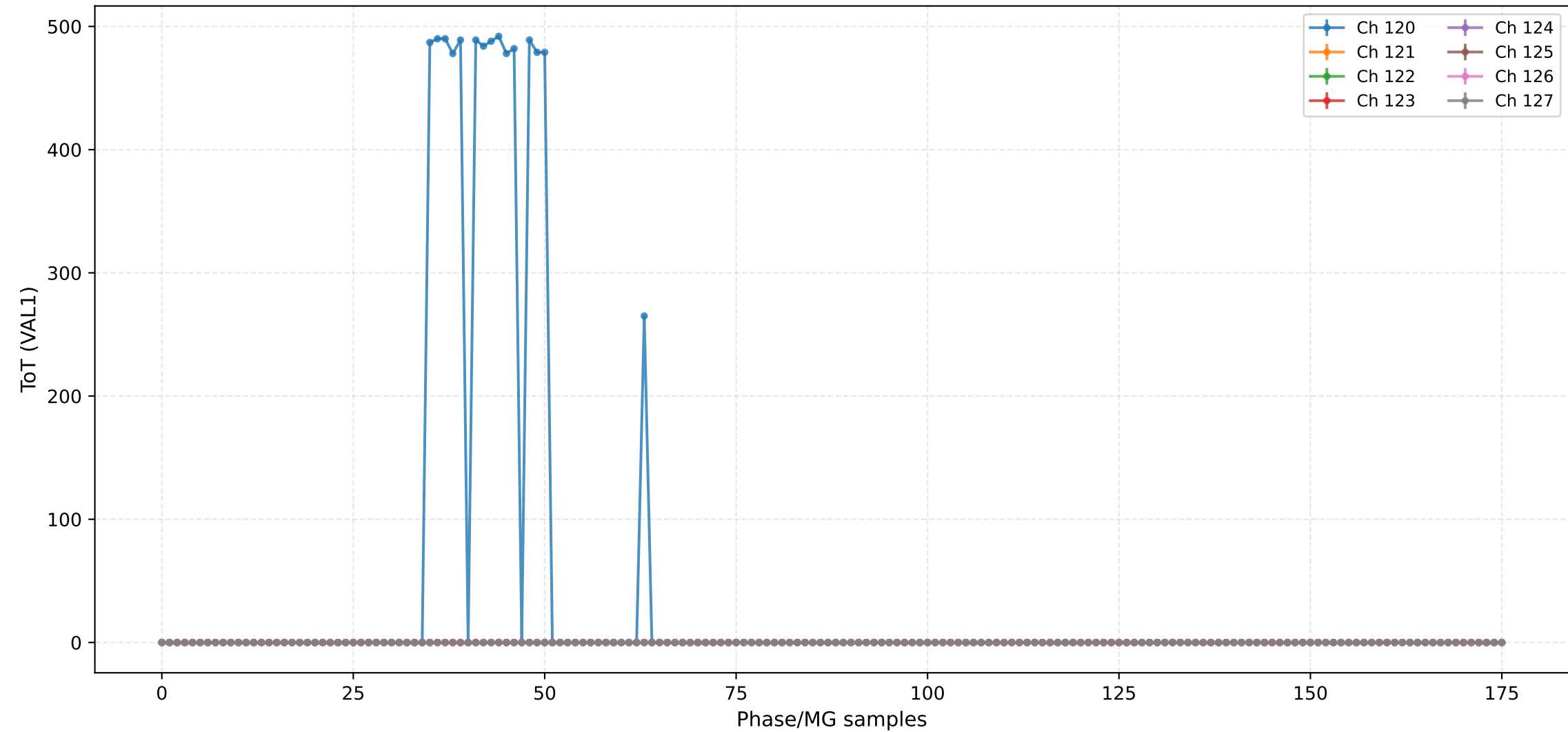
### ToT (VAL1) - Channels 104 to 111



ToT (VAL1) - Channels 112 to 119



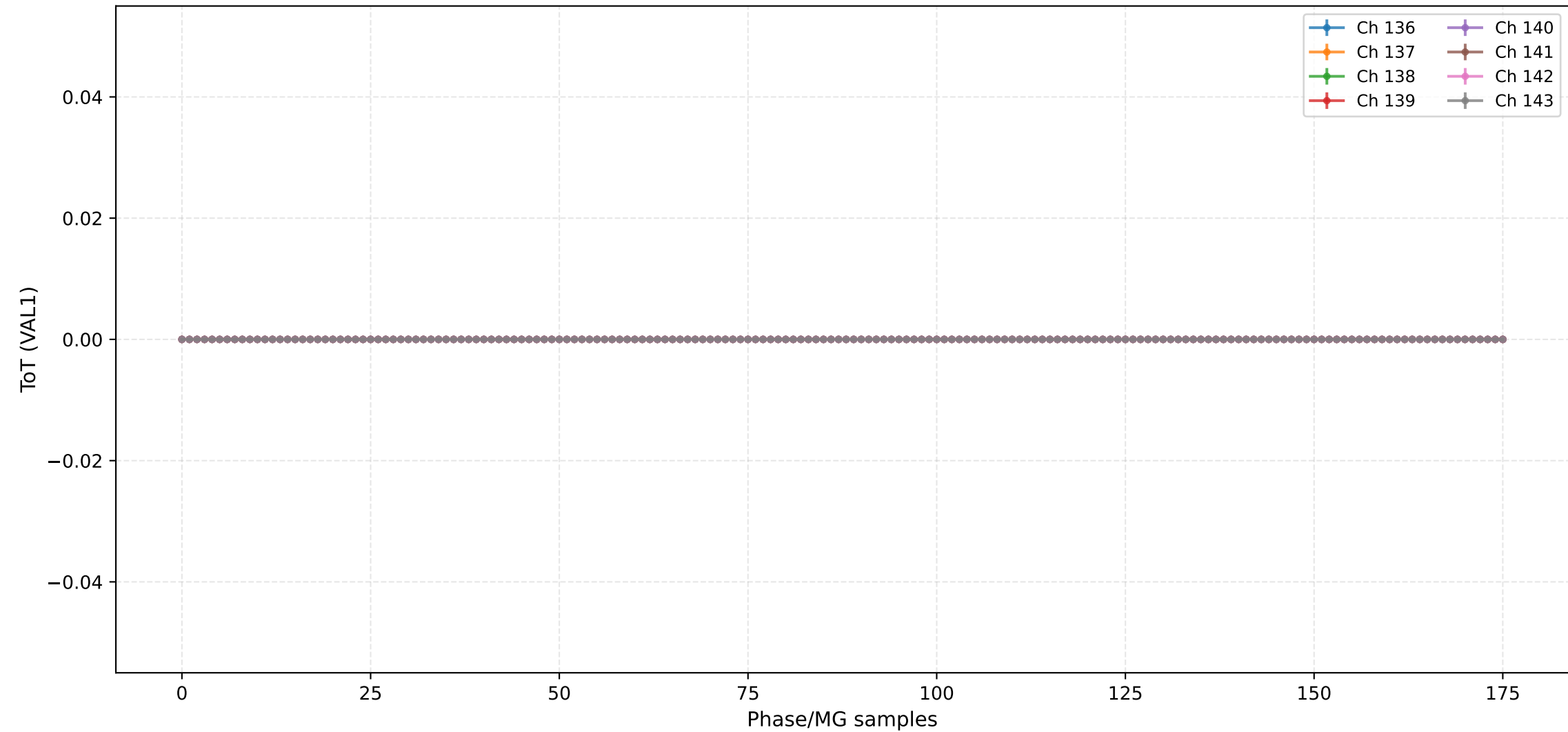
### ToT (VAL1) - Channels 120 to 127



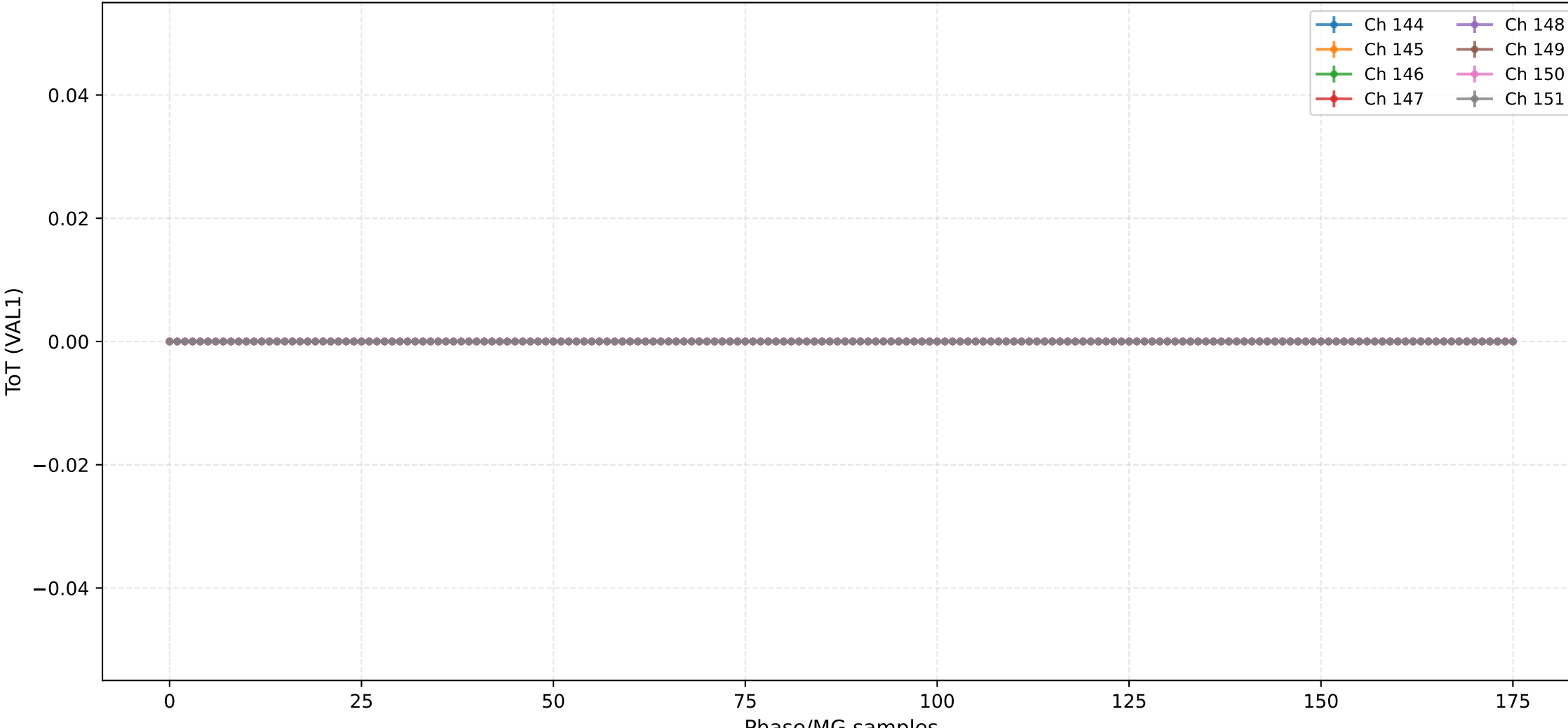
## ToT (VAL1) - Channels 128 to 135



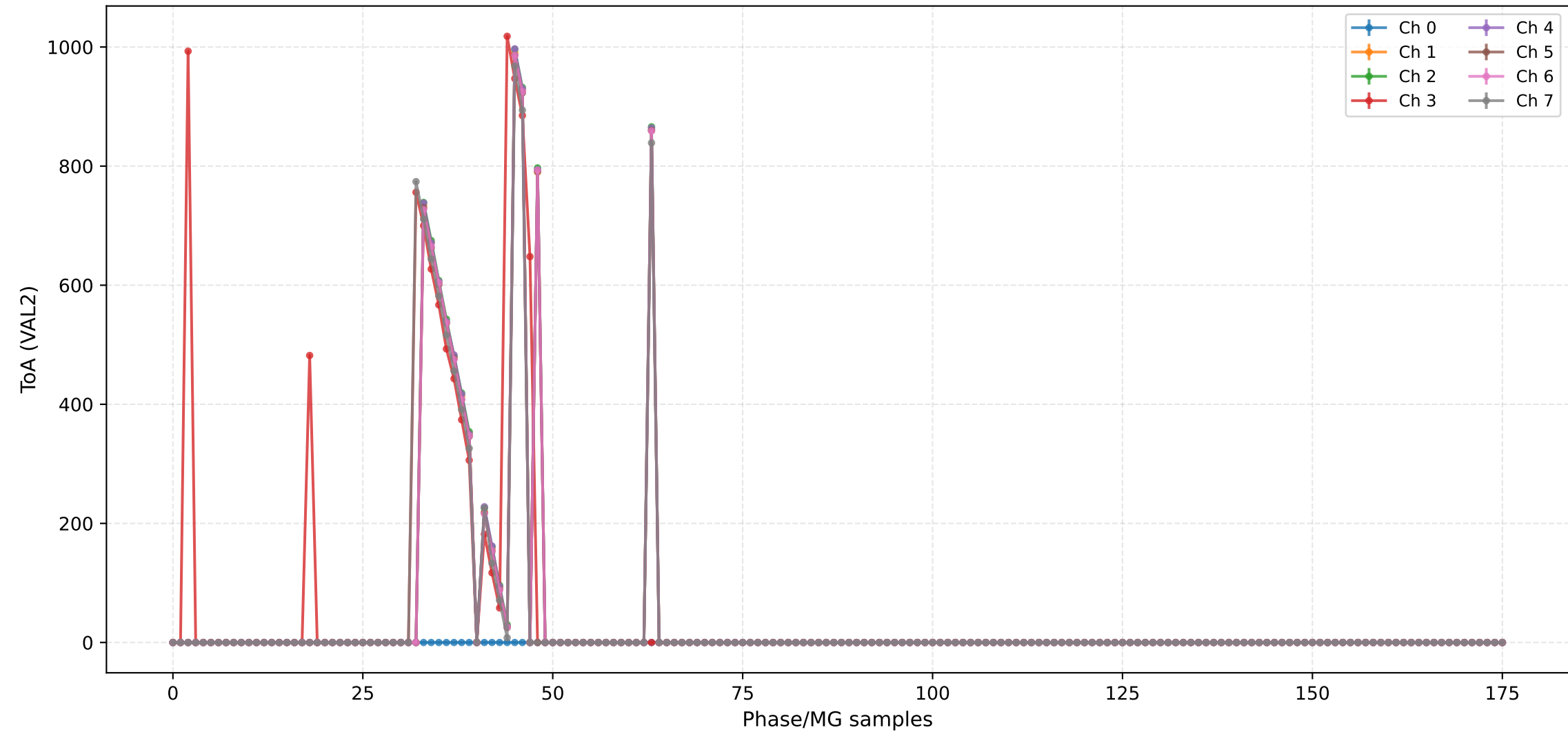
ToT (VAL1) - Channels 136 to 143



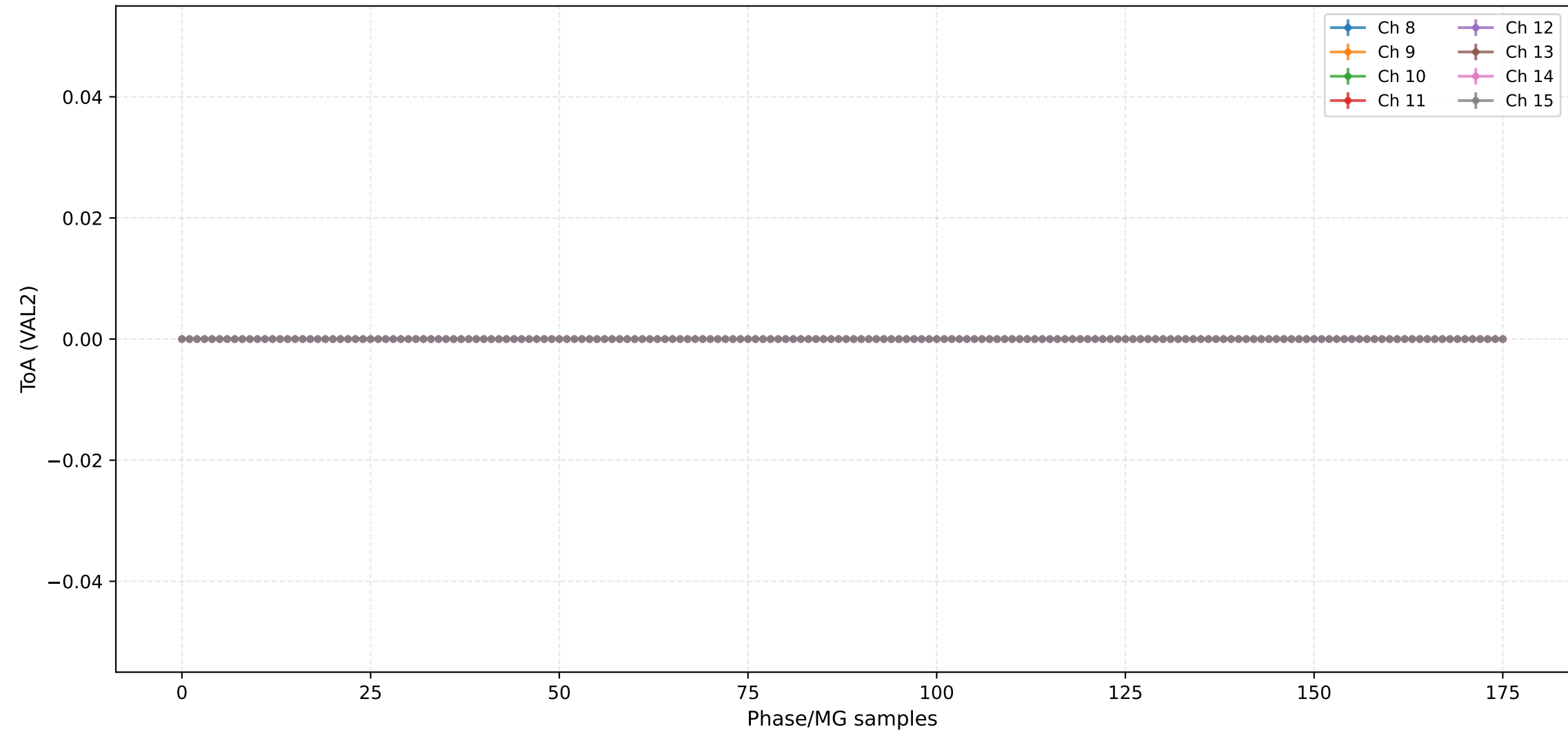
## ToT (VAL1) - Channels 144 to 151



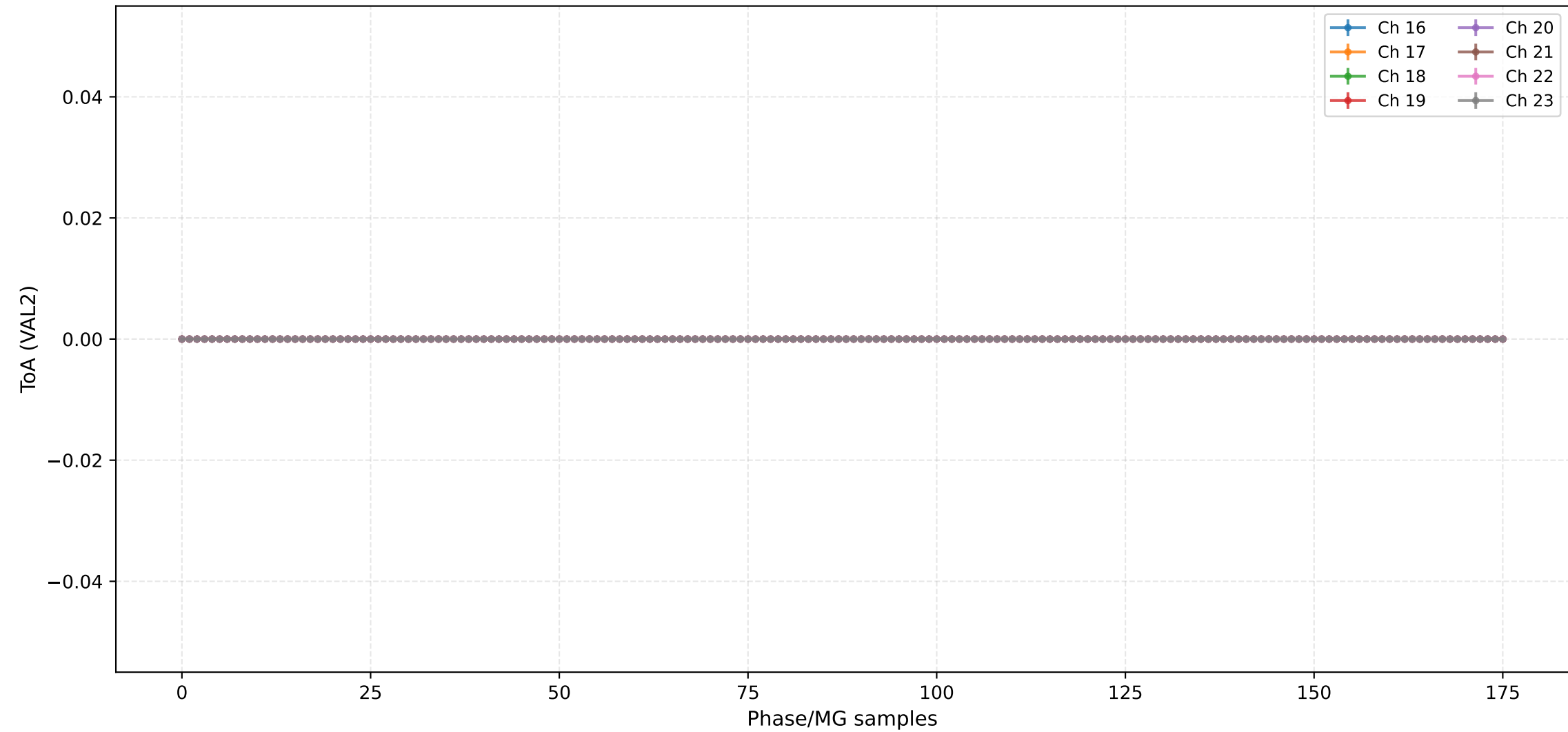
ToA (VAL2) - Channels 0 to 7



## ToA (VAL2) - Channels 8 to 15



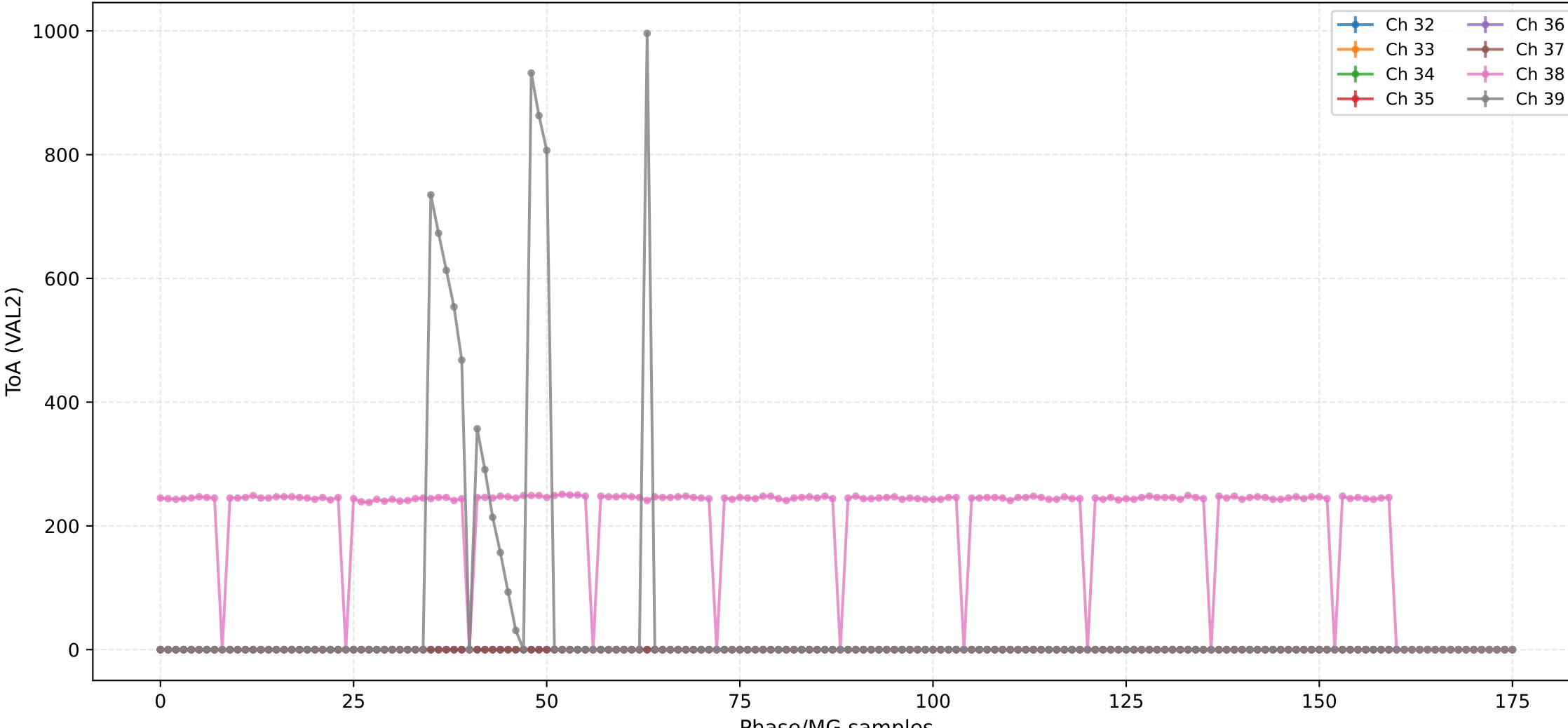
ToA (VAL2) - Channels 16 to 23



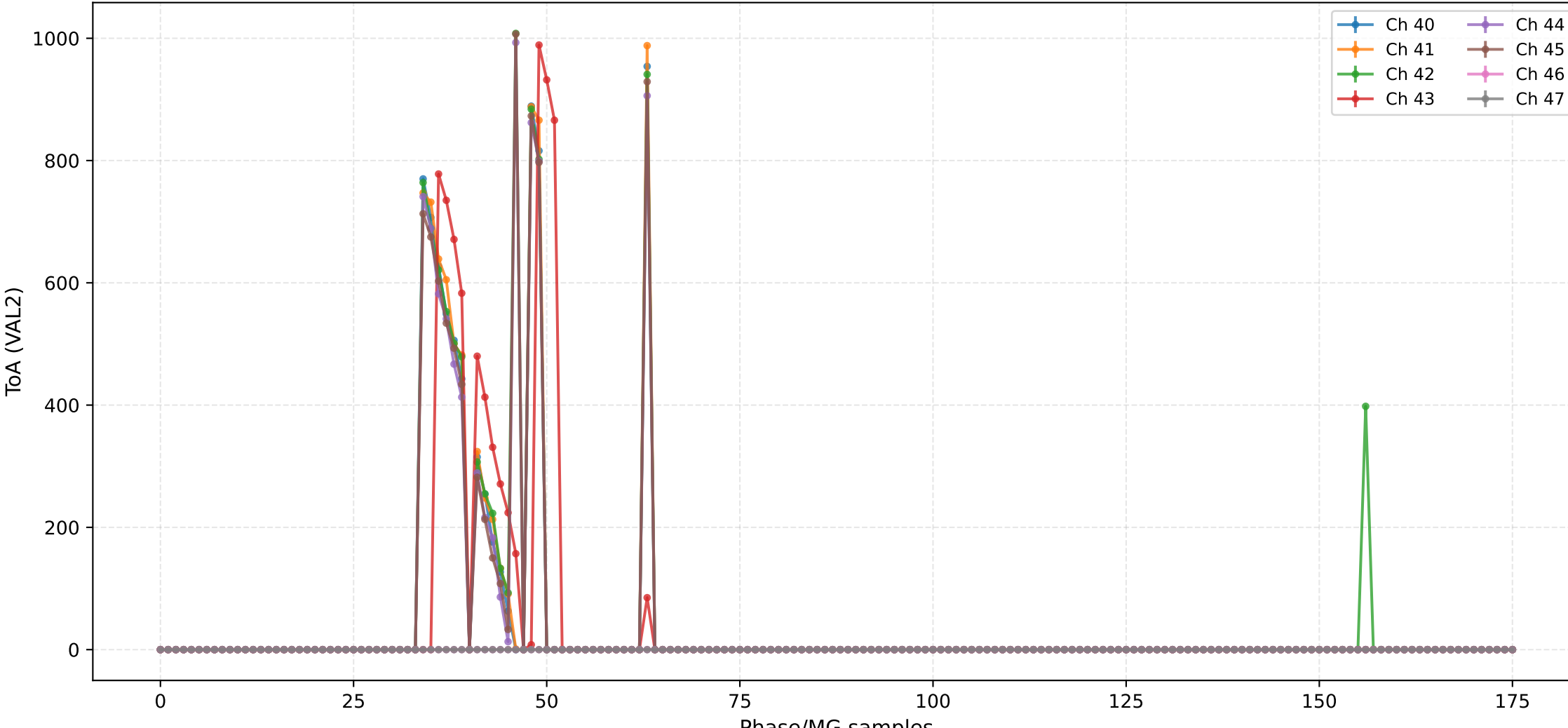
## ToA (VAL2) - Channels 24 to 31



## ToA (VAL2) - Channels 32 to 39



## ToA (VAL2) - Channels 40 to 47



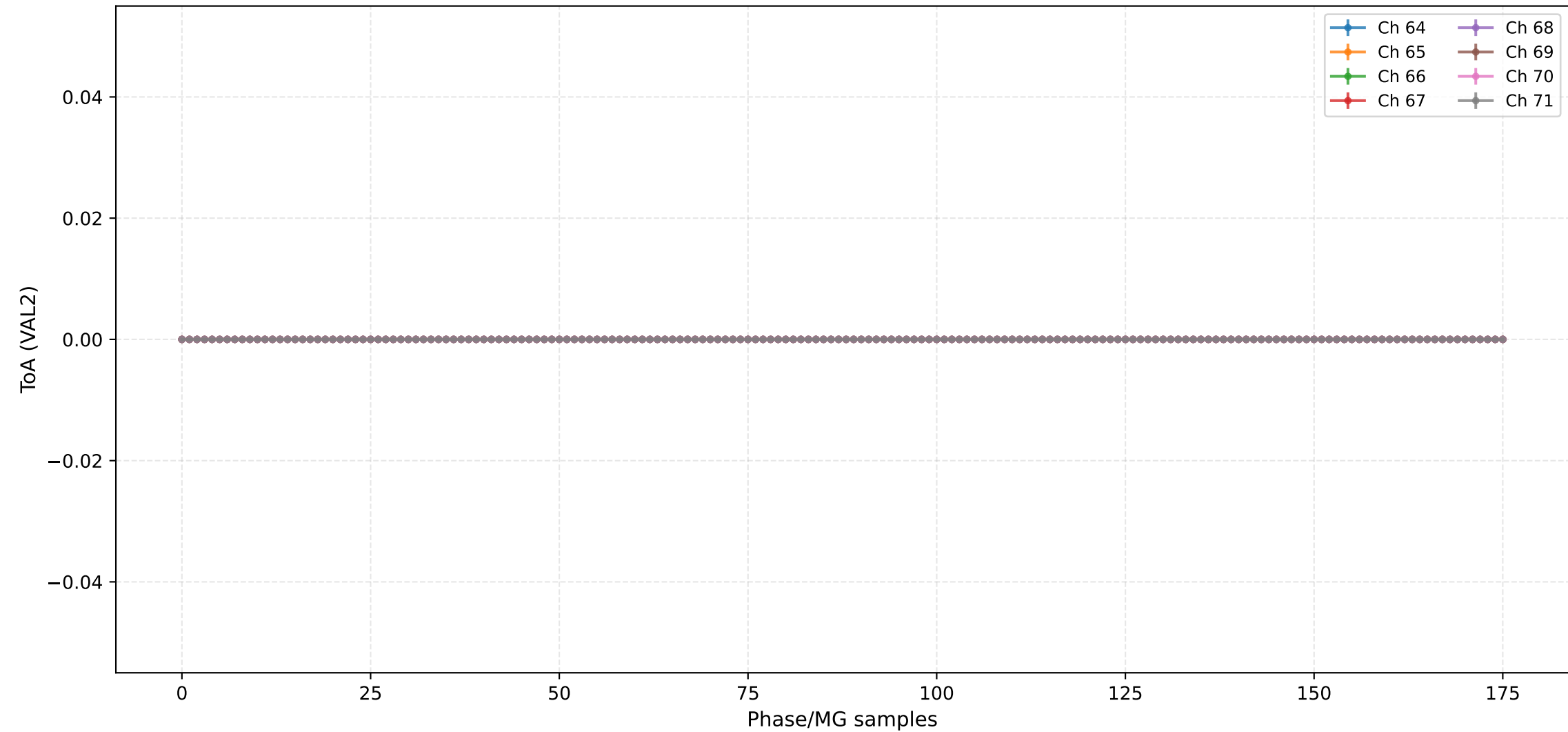
ToA (VAL2) - Channels 48 to 55



## ToA (VAL2) - Channels 56 to 63



### ToA (VAL2) - Channels 64 to 71



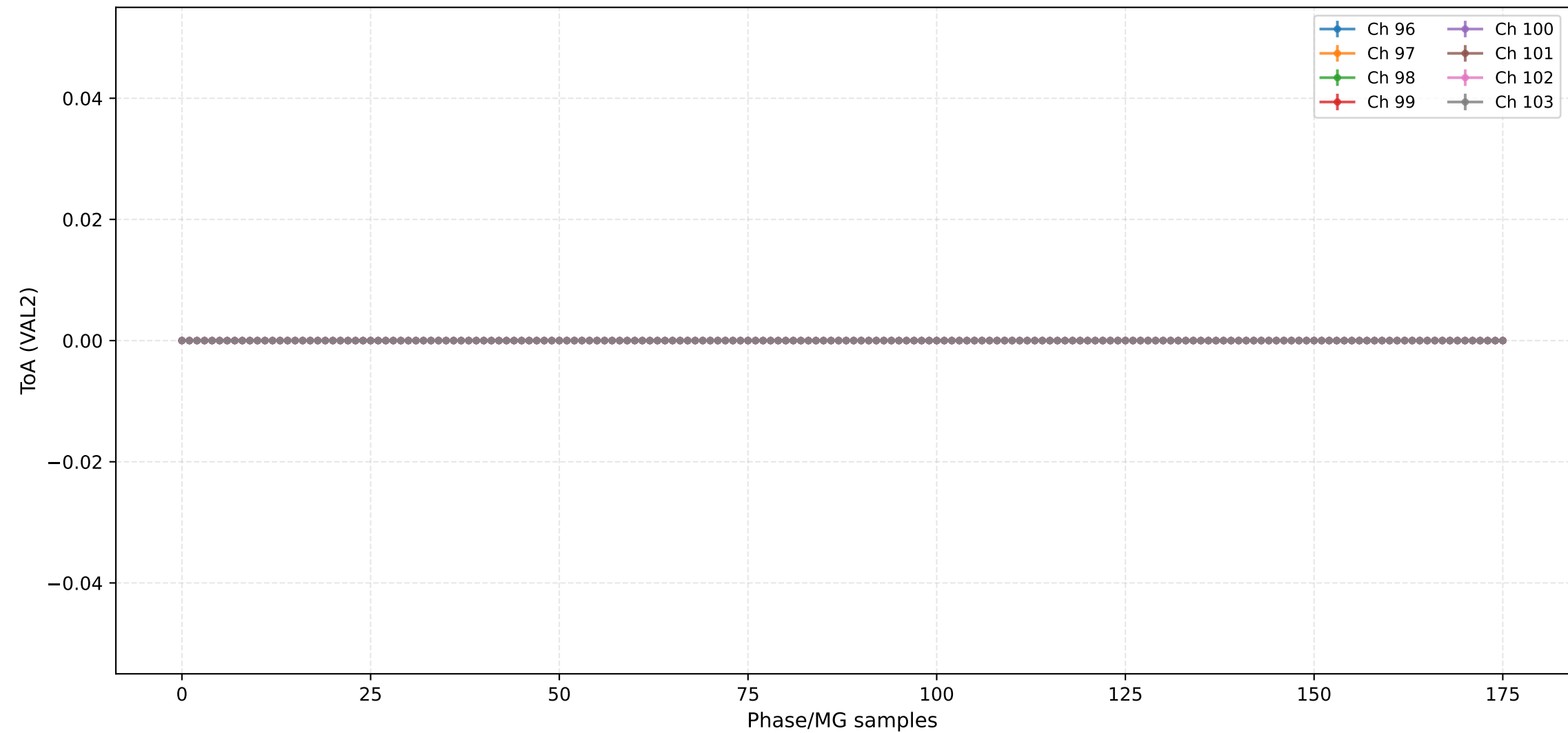




## ToA (VAL2) - Channels 88 to 95



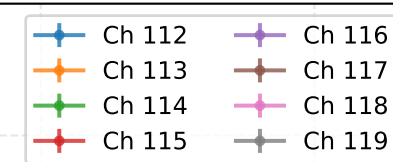
ToA (VAL2) - Channels 96 to 103



ToA (VAL2) - Channels 104 to 111



The graph displays the evolution of four components of the vector  $u$  over 180 iterations. The x-axis represents the iteration number, ranging from 0 to 180. The y-axis represents the value of the components, ranging from -1.5 to 1.5. All four components (Ch 112, Ch 113, Ch 114, Ch 115) remain constant at zero throughout the entire process.





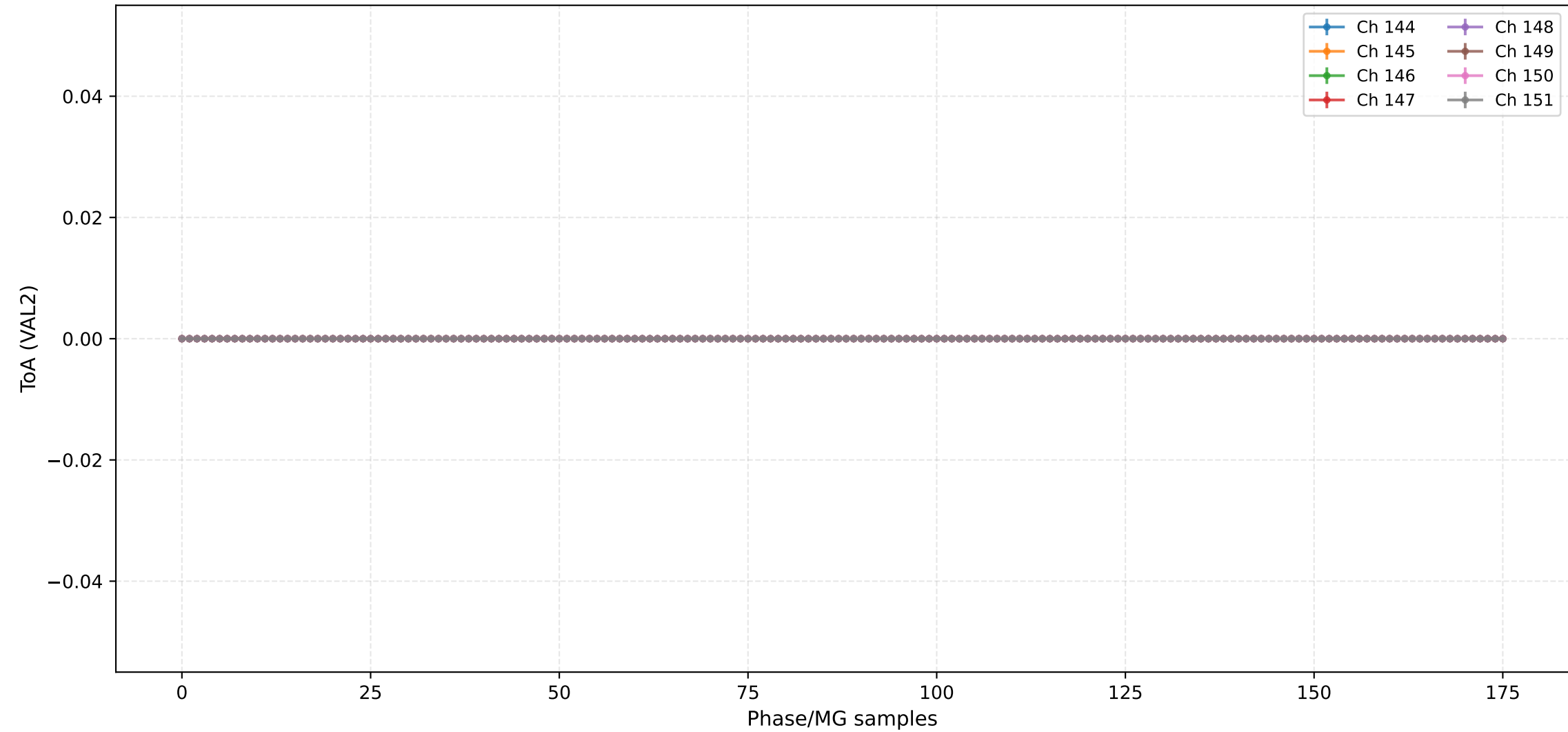
## ToA (VAL2) - Channels 128 to 135



## ToA (VAL2) - Channels 136 to 143



## ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

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Script: 205\_Injection v1.0

Date: 2025-12-13 00:09:23

### Configuration:

- Total ASICs: 2
- Injection DAC: 300
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 16
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac300\_mg10\_pack2\_chn16\_val0.csv
- 205\_Injection\_asic2\_injdac300\_mg10\_pack2\_chn16\_val1.csv
- 205\_Injection\_asic2\_injdac300\_mg10\_pack2\_chn16\_val2.csv